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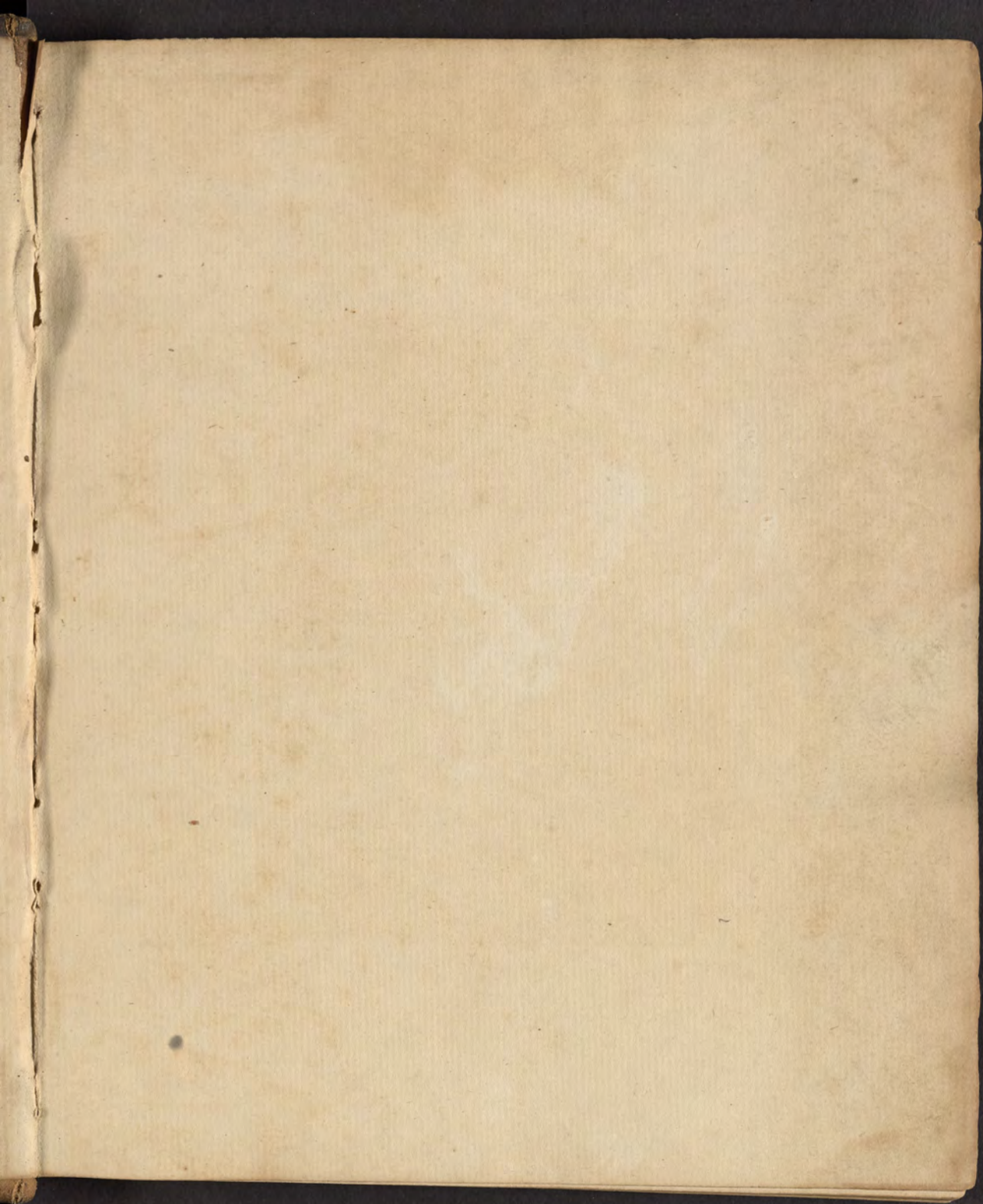


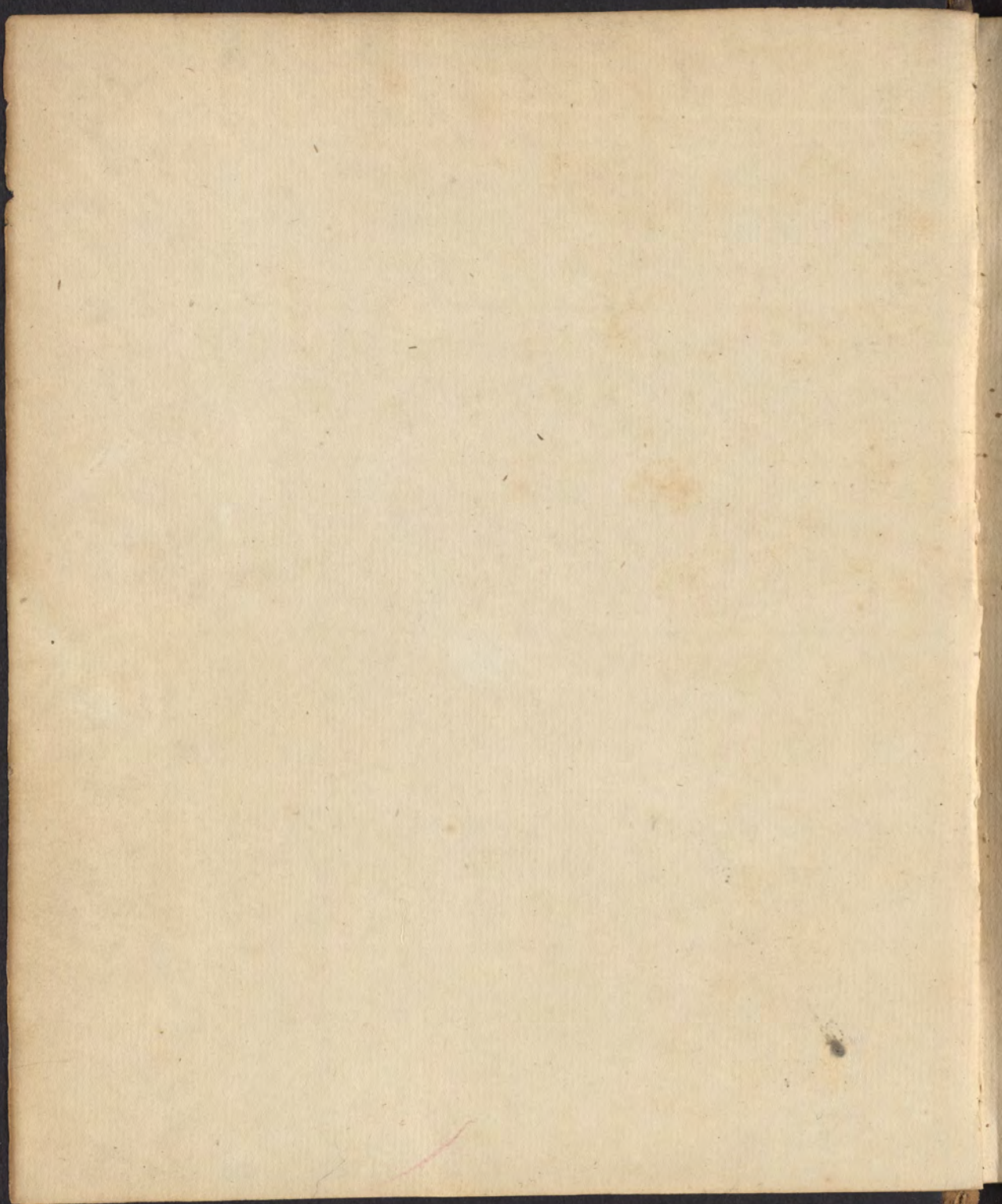
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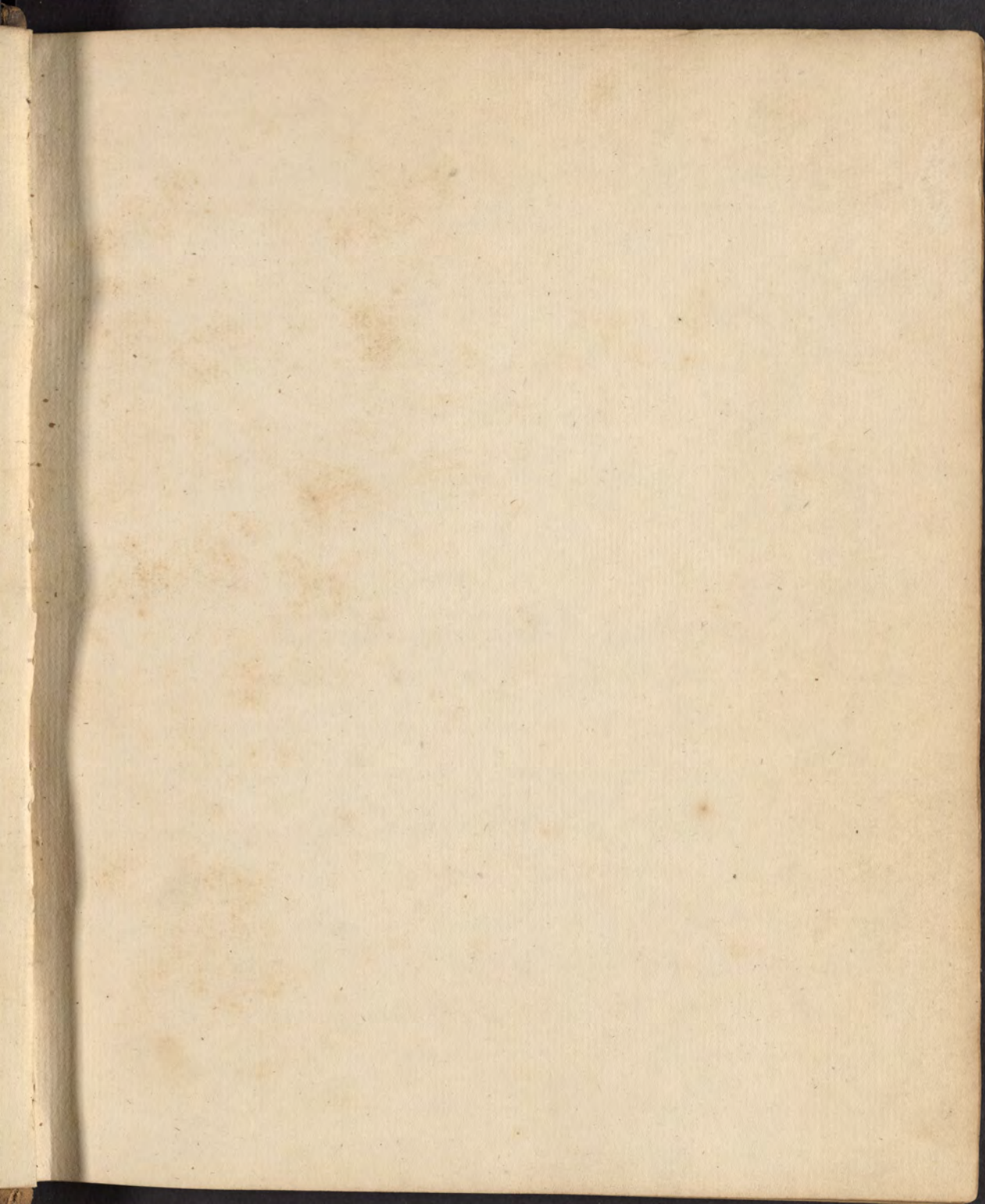
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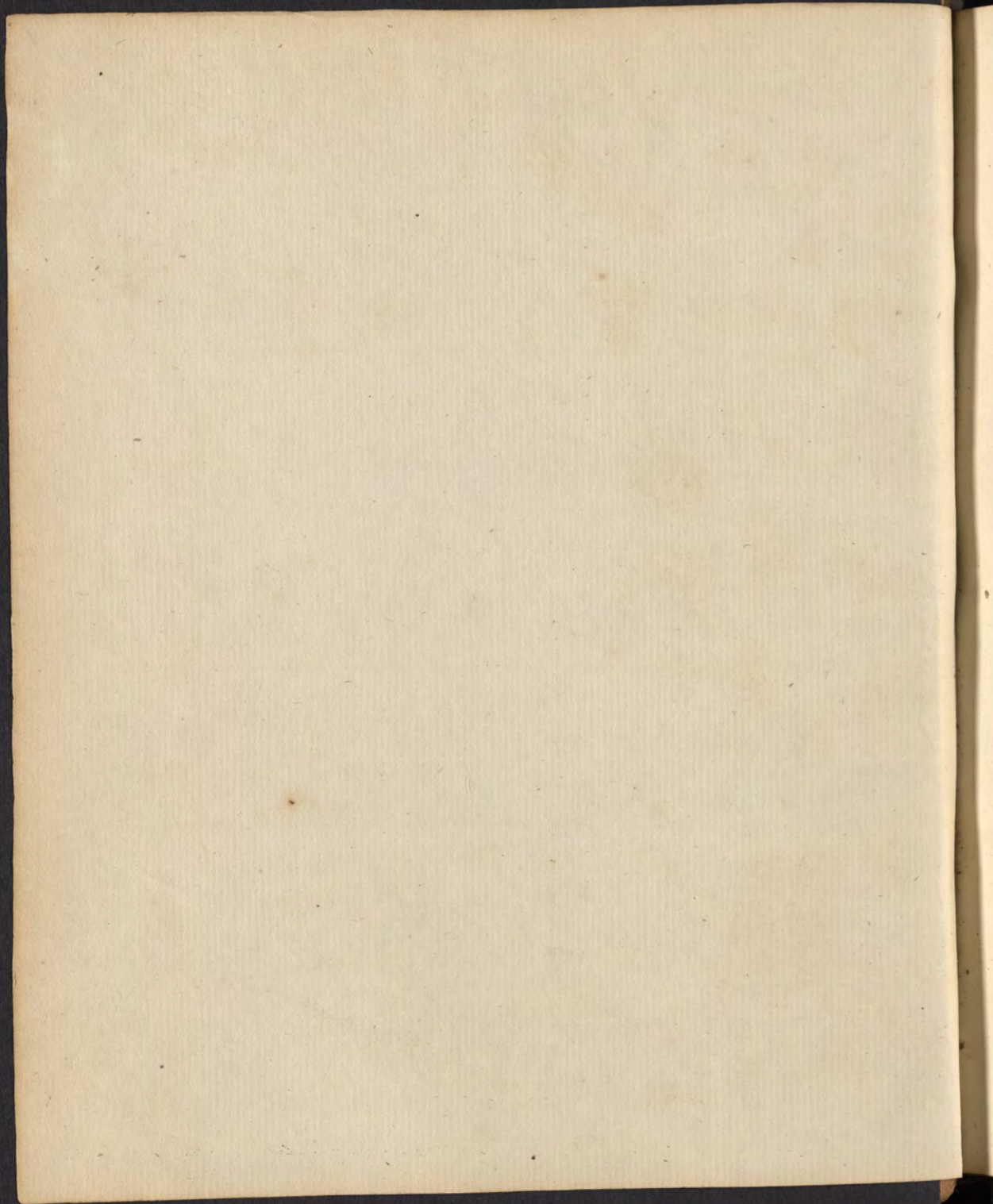
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Practice of Physic.

111

Chapman, Nathaniel

Robert Allison,

Reporter.

The practice of Physic treats of the causes symptoms and cure of Diseases. — Of the Diagnosis and Prognosis — My principles under the Diagnosis are of little consequence as they do not consider so much the seat of diseases as the state of the system. —

I shall advance a new order. — I reject Cullen and all others I know of. — The following simile will illustrate how far I differ from Cullen. We will suppose the Doct. to have 100 rooms each having a different lock, of course he must have an equal number of different keys to open them — Now I am able to enter every apartment of my house with the assistance of a single key; Besides it cannot be but that some of the Doct.'s keys from being long out of use must have become rusty. —

The subject next to be explained is what is improperly called FEVER, I say improperly because the word

Medicine, Practice of, Manual of

Fever signifies heat — Now we know there is fever
without any heat — You see Gentlemen how we
are shut out of truth in Medicine. —

The time I hope will come and is near at hand when the names of diseases will be as little noticed as the names of heathen gods. —

1 Proximate cause. (vide Vol. 1st Ing. Doct. Rush here took this volume as a text book upon which he made a few comments. —

Direct or Indirect Debility are of such similarity as to be known only by their causes. Mr. Hunter calls those Medicines Stimuli which induce healthy action and those Irritants which produce disease. —

A cold night in the Autumn has brought on fever in some hundreds of persons, This was owing to the miasmata floating in the system being put into action by the cold increasing the excitability by the abstraction of heat. Excitability lessens with age, thus the skin of an old man being pinched up is long in expanding, the contrary in young animals. —

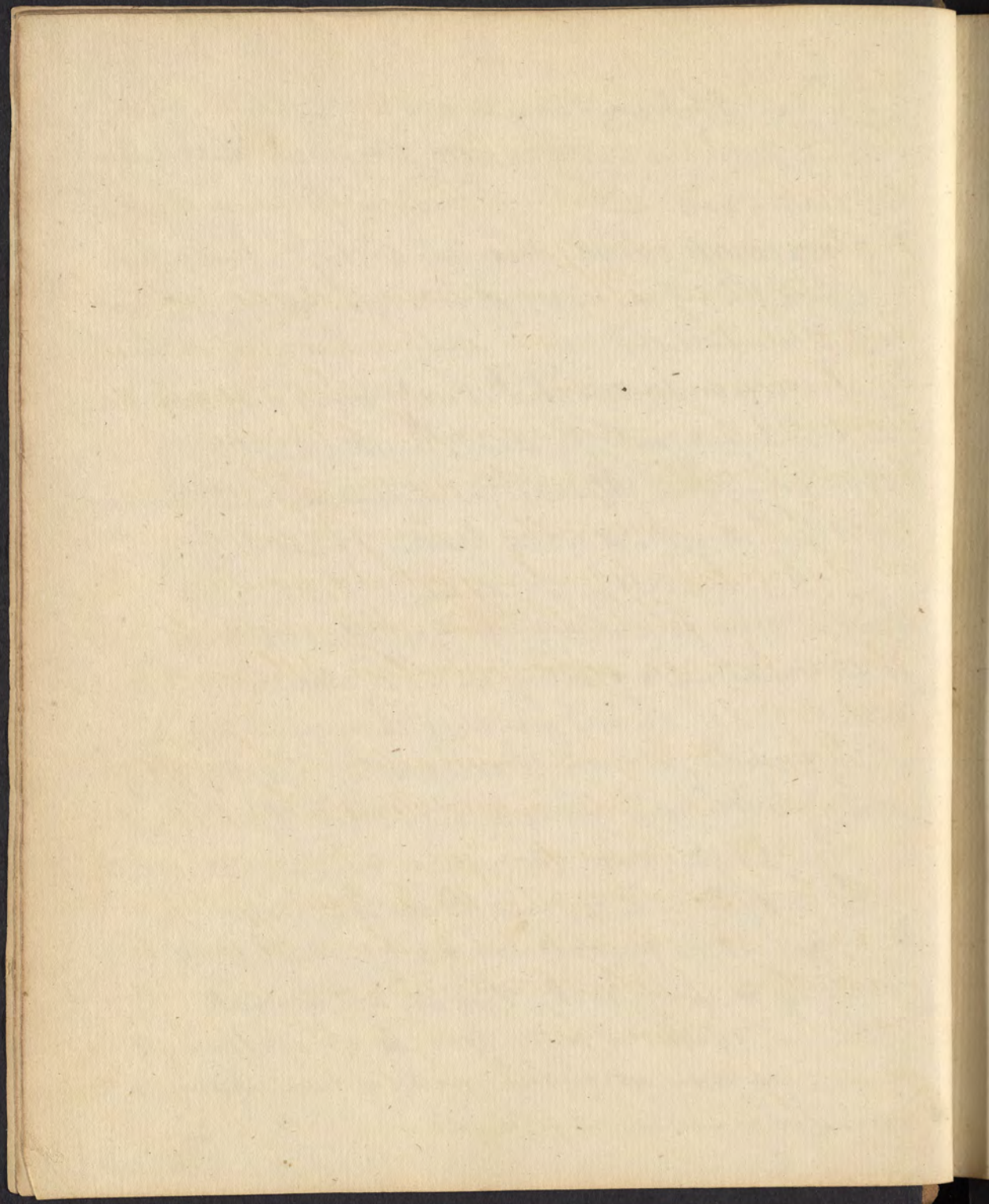
This is a good rule to know the age of a horse

There is no disease which affects the System equally in every part — They are all partial —

Thus in affections of the Bowels the excitement is brought from all the other parts of the System and concentrated there —

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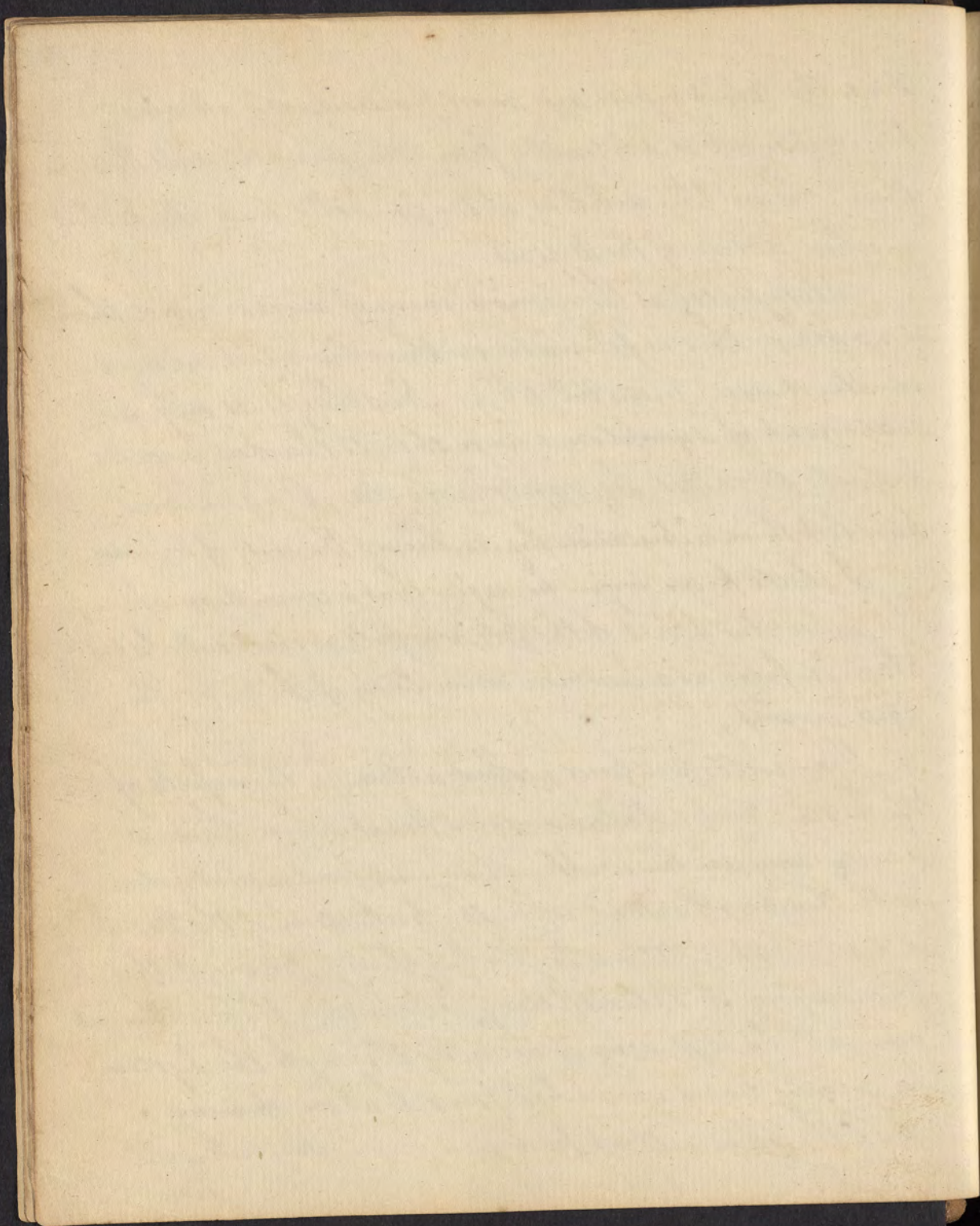


When the Blood vessels are more particularly affected, the excitement is abstracted from the muscles and thrown there; hence the debility of the muscles and the violent morbid action of the Vessels

Stimulus is the remote cause of disease and there is no other, this is founded on their being but one proximate cause (Vide Vol. 4th) Nosology is only a statement of symptoms and should therefore more properly be called Symptomologia. Physicians have lost their reputation by declaring the unity of disease.

I shall prove to you hereafter that a convulsion of the muscular fibres of the Blood vessels as certainly takes place in fever as a common convulsion of the muscles and nerves.

You will often find violent action in the vessels of the head, Neck, Abdomen and Heart when there is scarcely any in the wrist— You will find violent action in the Temporal artery, when the pulsation of the Heart is very weak. Attend to this Gentlemen, for one of the Indications of Bloodletting is to render the excitement general, by diffusing it equally through the System. In many cases you will find that in opening a vein the blood will at first run very well but will



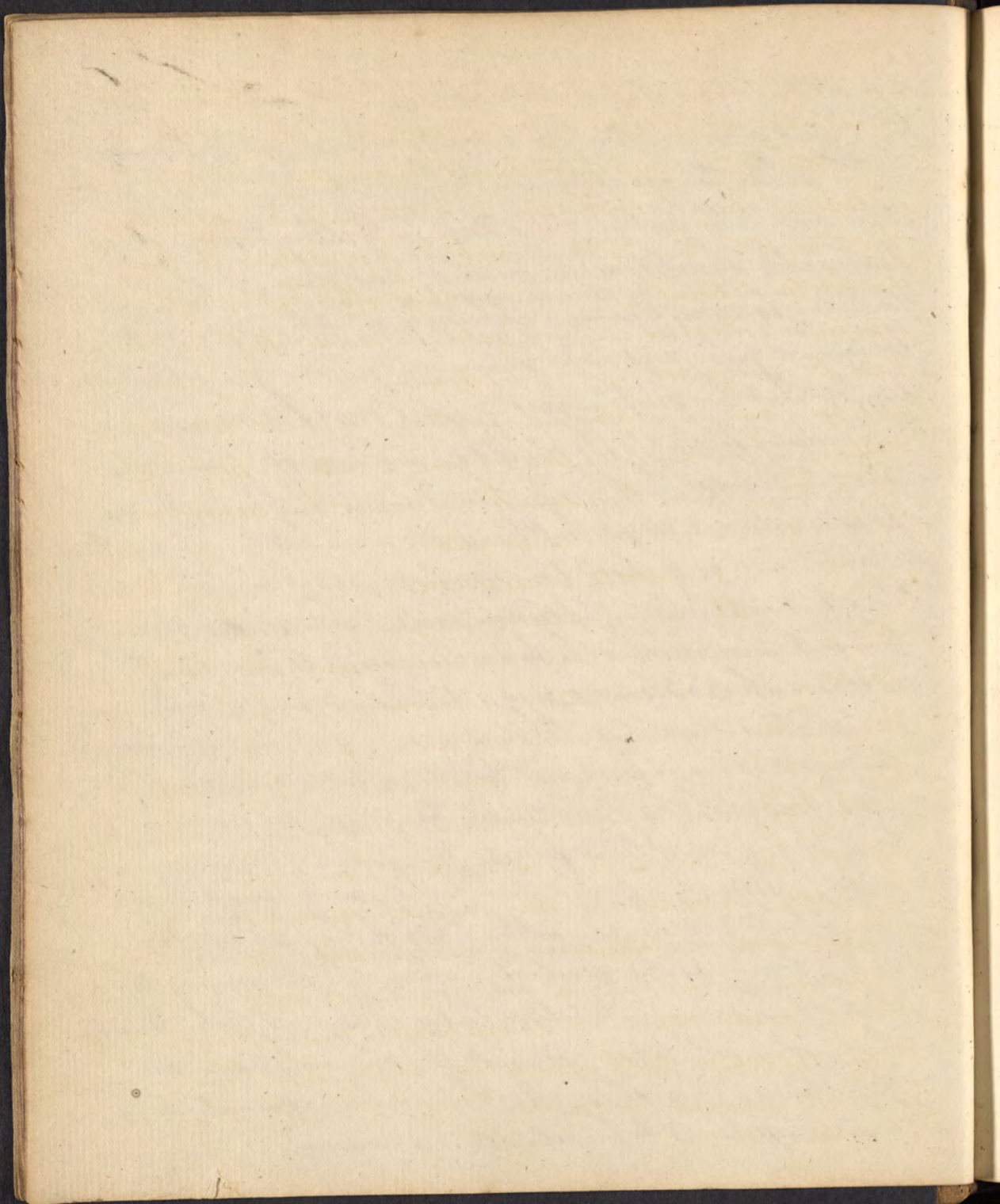
soon stop - Give a glass of wine and the Blood will flow freely - This makes me suppose the veins take on a kind of Paralysis -

The white Tongue in Yellow fever is a bad sign it shows an obstruction to the passage of the Bile - Yellow Tongue is a favourable symptom in malignant Fever, it shows a tendency to mortification. I believe mortification in a certain degree does take place on the Tongue - for when the patient begins to recover large sloughs come away -

There can be morbid action without inflammation - There are dissections to prove that persons have died of the Cholera, Hydrocephalus internus, Hydrocephalia &c. with all the phenomena of morbid action without the smallest mark of inflammation.

Forget it not Gent. it is morbid action constitutes disease. It is not necessary that inflammation should be present. For instance when a patient dies suddenly from the impression of a violent stimulus - there is disease but no inflammation. Impression in one part will produce sensation in another part, that is the part debilitated previously, of course we have many misplaced fevers. The Brain for instance will be strongly affected with fever; and symptoms of fever will appear in no other part of the system, the whole being as it were looked up in the Brain. - The Pulse here scarce ever tells us any thing. Mr. John Hunter has accurately taken notice of this circumstance and if he had left nothing else behind him it would have been sufficient to perpetuate his name.

We will



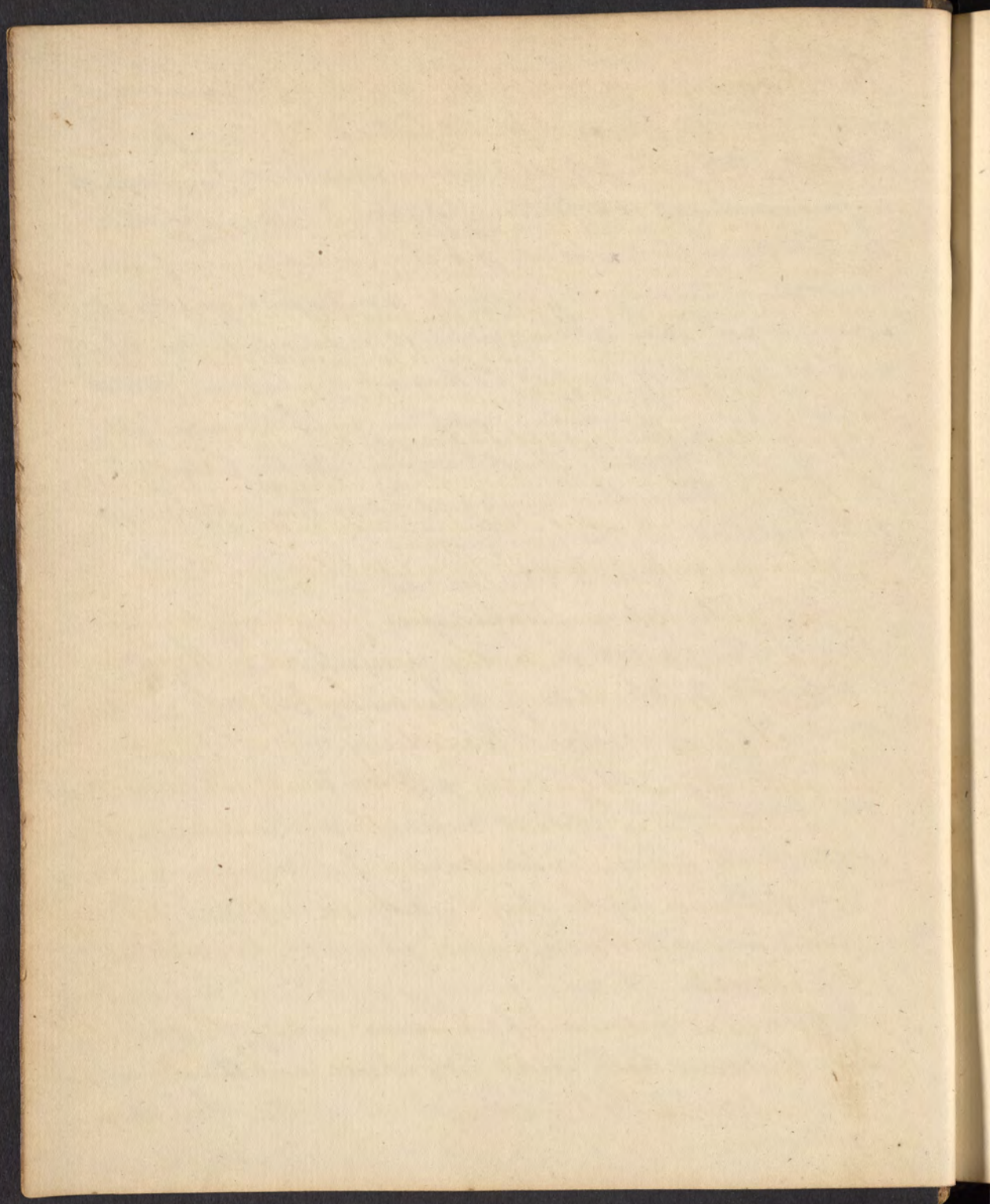
We will now say a few words on the removal of the precursors or
 premonitory symptoms of fever, which are 1 Costiveness, 2
 Debility, 3 Dullness of intellects or unusual sprightliness
 4. preternatural or defective appetite 5 loss of appetite
 for Tobacco in those who use it 6 excess or deficiency of urine
 7 a preternaturally dry or moist skin, 8 a preternaturally
 warm or cold skin 9 Head ache 10 Giddiness 11 Watchfull-
 ness 12 distressing dreams 13 Weariness or a disposition to rest
 14 Watery eye. Premonitory symptoms in children are also
 crispness of the hair, the thumb turned into the palm of
 the hand. When these symptoms occur they ought never
 to be neglected. — The remedies are

I Gentle Evacuants

II — Stimulants

Those falling under the head of evacuants are, 1 a Purg
 2 a Comit 3 Bloodletting. 4 Sweating 5 Fasting 3 or 4
 days. These remedies should be administered in small
 Quantities. Those which come under the head of Stimulants
 are 1 Gentle heat 2 Pediluvium 3. General and moderately
 warm bath 4 Wine 5 a few drops of Laud. Liquid. 6 a pint
 of sage tea or warm whey, which serve either by
 distension or producing a diaphoresis, Moderate study.
 Conversation. Fatigue from any cause may be prevented
 by the above remedies. I have known many Gentlemen
 use the warm bath after a long chase and thereby effect-
 ually prevent the fatigue which would otherwise
 follow. —

The Noblemen

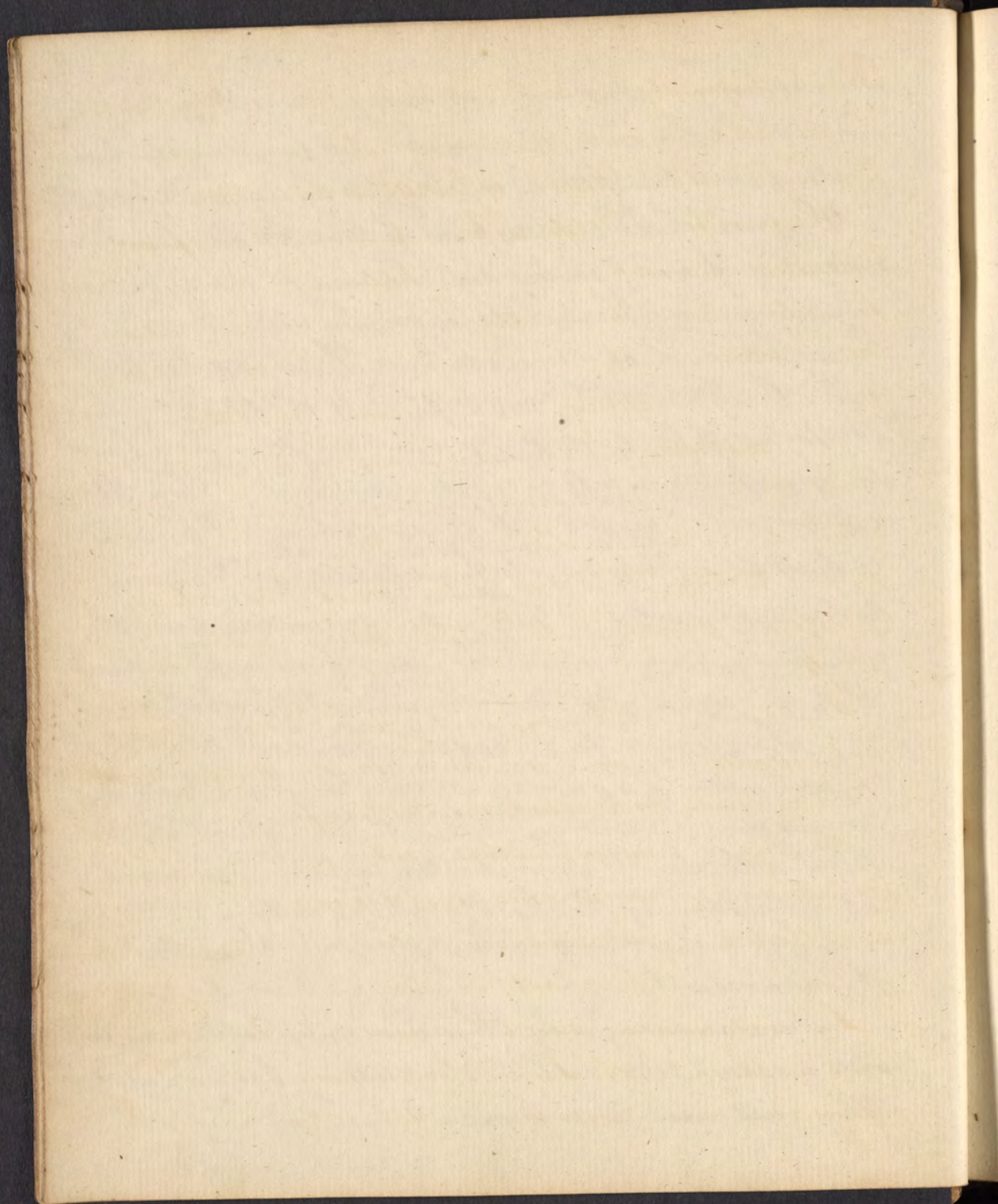


The Noblemen of England will ride 60, 70 or 80 miles a day to reach London in the evening, where by using the warm Bath or some other of the above remedies are rendered perfectly able to visit the Theatre, and set up the chief of the night without experiencing the least fatigue. — As many of your Gentlemen may be exposed to fatigue frequently during your lives, Let me recommend to you to use Pediluvium or some of the other remedies before mentioned after fatigue. — By the use of these means I have not only strangled a fever in myself but in a thousand other instances. — These Stimuli here act in a ratio with the excitability. A portion of Stimulus disproportioned to the excitability would induce violent morbid action. — Take notice you are only to use the remedies mentioned under the second head in the forming State of Disease after which they are highly improper. —

Indication for Bloodletting in fevers (vide Vol. 4th). — The abstraction of a quantity of Blood is not in a ratio to the reduction of excitement, because the abstraction of some Blood will open the emunctories and produce an additional evacuation by the skin &c. — Many instances of lengthy Nervous or putrid Fevers are brought on by the neglect of the Lancing.

Fevers are not cured by Physicians unless called early, for after a certain time unless Bloodletting has been used They will run their course. —

There is



There is frequently a vomiting attending bilious Fevers, Antiemetics without number have been used, but there is no antiemetic here so good as the Linctus, a purge, or an Enema (Vid. Vol. 1th)

We have fewer Dropsies, fewer Consumptions, fewer Jaundices, fewer Hydrocephali Interni &c at present than formerly owing to the Linctus being more generally used in the Diseases which proceed them. I have been led to believe that Bloodletting would prevent the Stone.

To prescribe for the habit of a patient is to prescribe for his constitution. It is not the constitution but the morbid action that must be attended to in Disease —

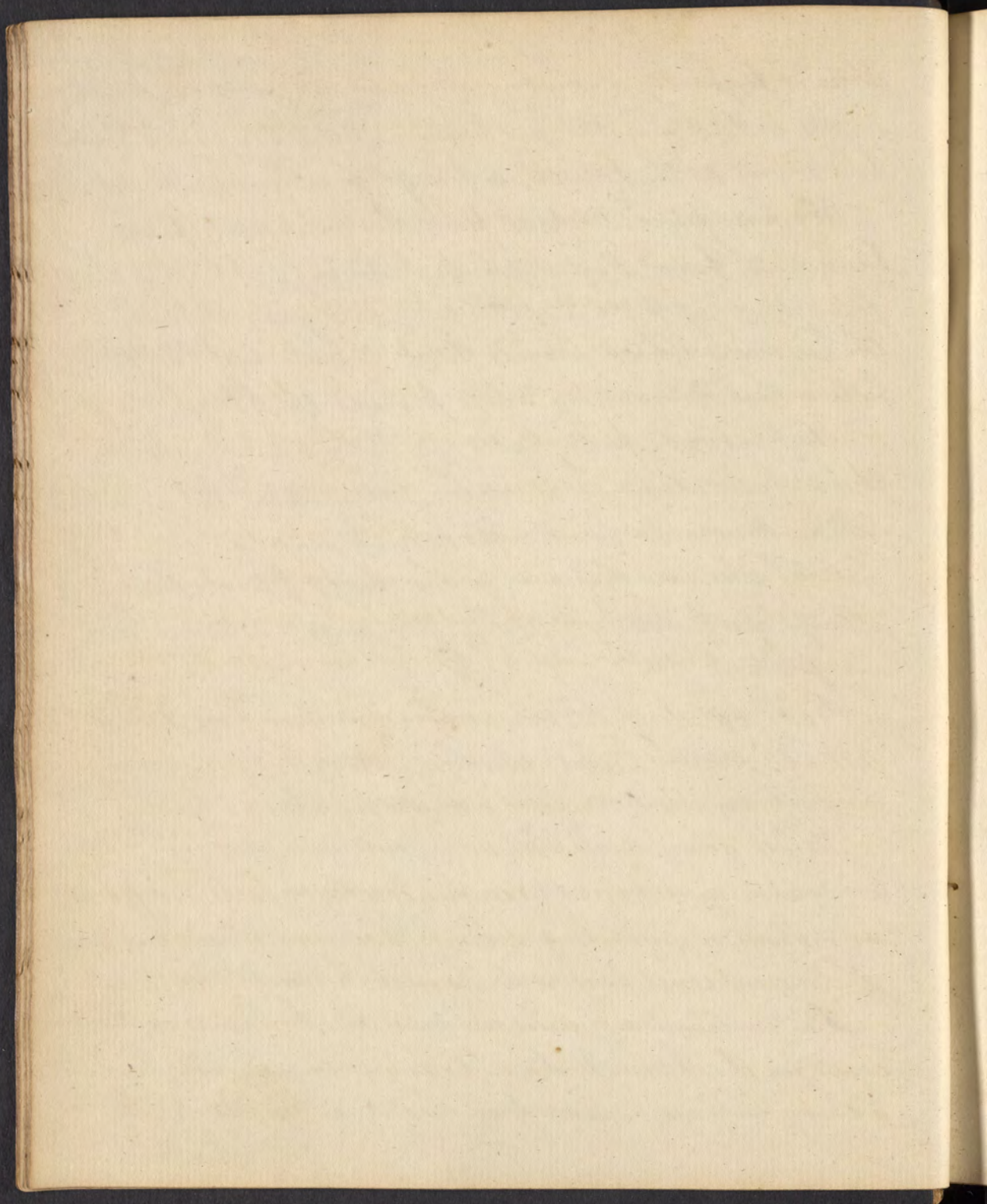
All children that die in the course of two or three days illness die of indirect debility, and might be saved by Depletion. —

In old age Doct. Cheyne used to observe and very properly, that Bloodletting would render a mans passage down the hill much more quiet and easy, safe.

While your female Patients, Gentlemen, during Pregnancy, are labouring under inflammatory Fever you will never have an Abortion if you remember to bleed more liberally than if they were not pregnant. So also in small Pox &c —

In inflammatory diseases, provided the Pulse continued to call for the Linctus, I would go on bleeding till I got nothing but pure water from the Veins. You have no

Alternative



Alternative, Gentlemen Your Patients will die without it and you should at least give them a chance, "a doubtfull remedy better than none." Celsus.

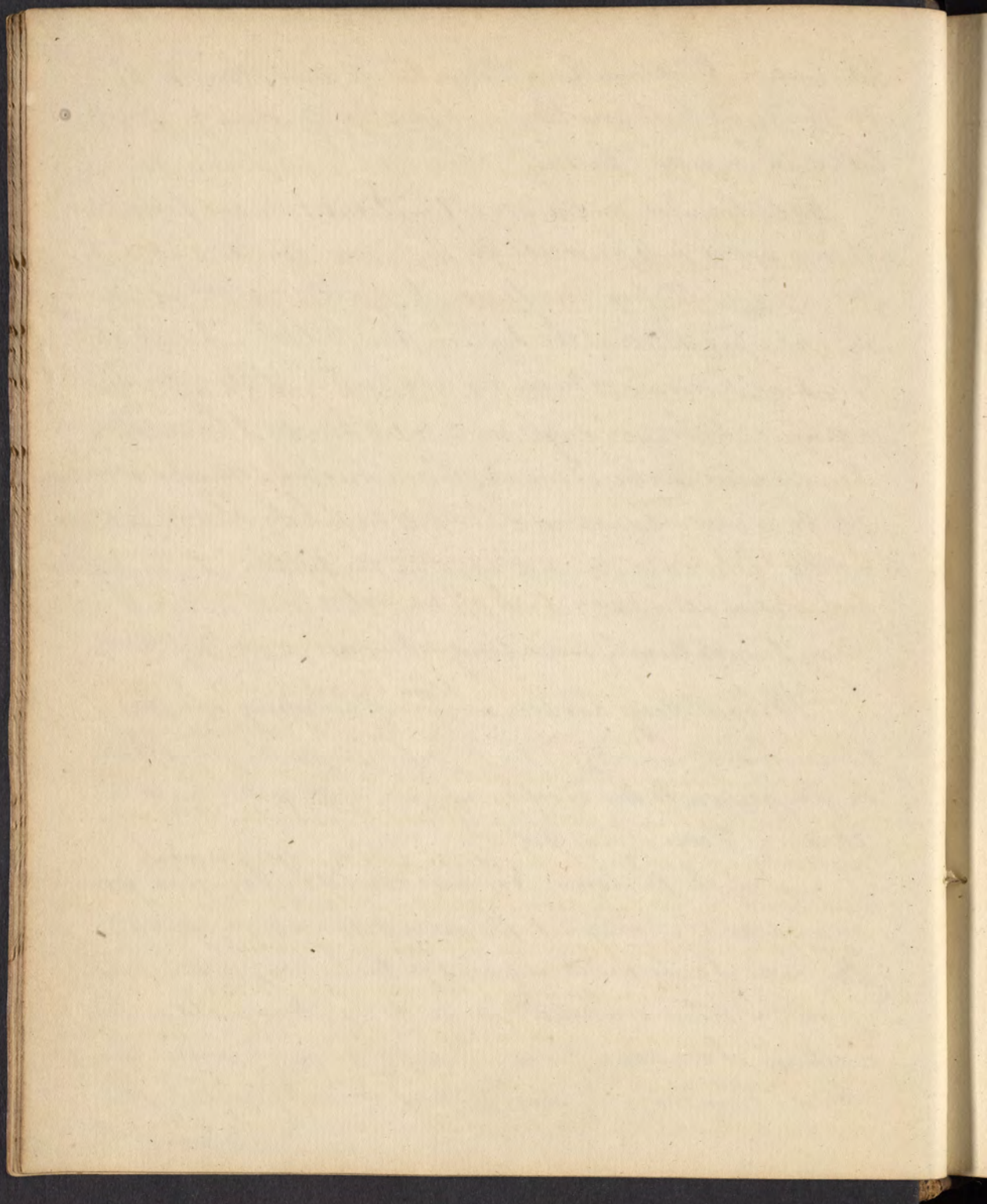
To be limited in the use of the Lancet in one fever and not in another is to prescribe for the name of a disease. —

Bleeding will produce pain, Convulsions &c. by removing an oppressed State of the System (Vid. Vol. 1st). In short Bleeding but once or twice in a depressed State of the System is like unticing a Tyger and not destroying him afterward.

In depressed pulse, examine the carotid and Temporal arteries The Heart and Abdomen and you will frequently find them beating forcibly. Bleed and you will equalize the System; Impress your minds strongly (Gent.) with the Idea that your patients may may be apparently worse, though they are in reality better.

Bloodletting has been accused of bringing on the Chronic state of Fever, 'tis impossible, for if you bleed in proportion to the excitement you will never have a chronic Fever. Vide Vol. 4th.

I wish the term Nervous could be banished from our books of Medicines, the more I see and consider it, the more I consider it as useless in the history of diseases. Doct. Cullen considered them as the Monarchs of the System. I conceive them as acting a much more humble part. They are only doorkkeepers or mepengues of the
Bloodvessels;

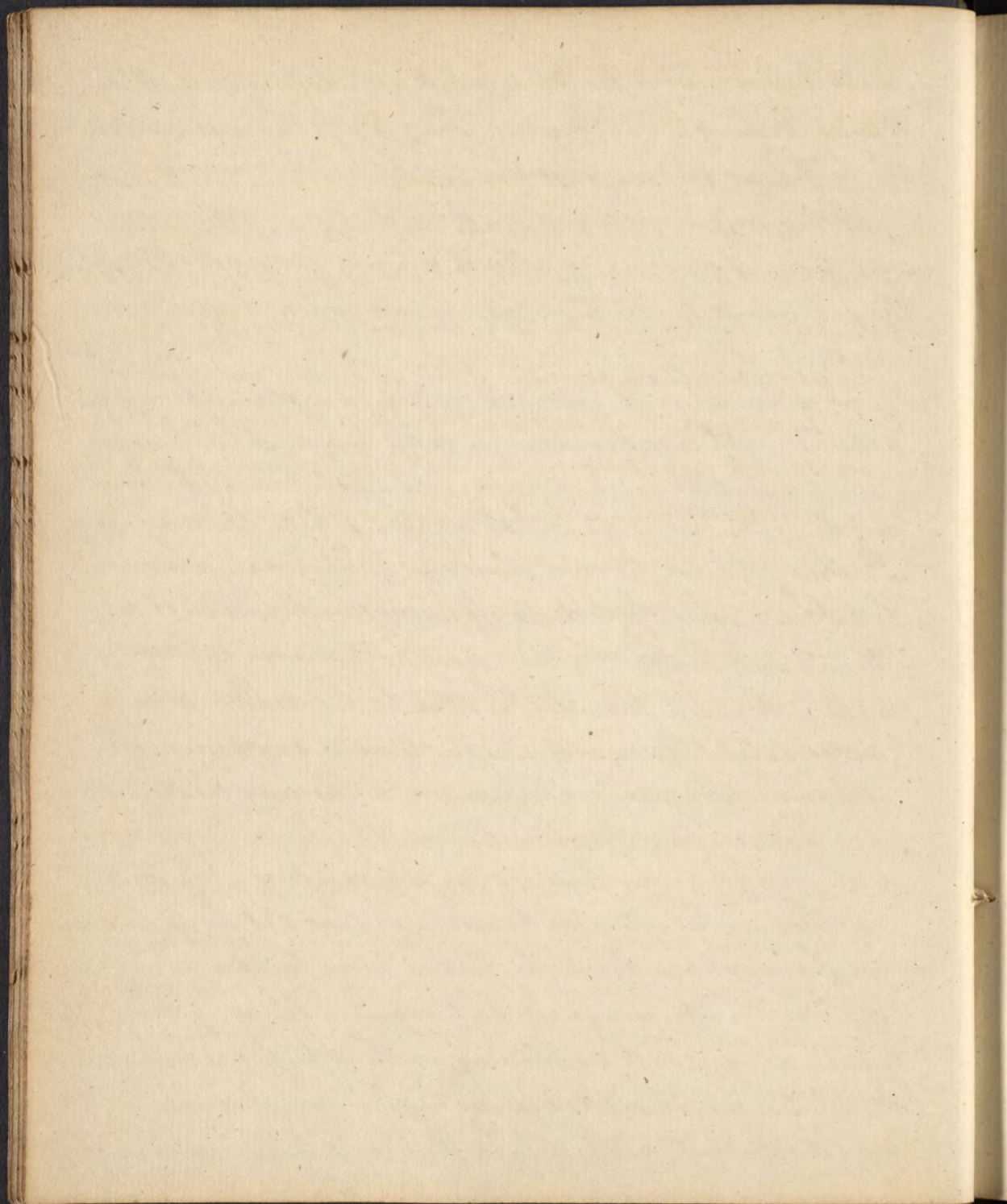


Blood vessels; While the Blood vessels are the Centinels of the Body, the fountain of disease. They possess this distinction by birth, for they are the first parts of the human body. -

If bleeding be proper in one fever it is so in all, you must never leave a fragment of a Fever behind, for like the Polyper Though minutely divided still requires repeated strokes to destroy it. -

I always avoid giving Emetics in inflammatory fever attended with a determination to the head. I have seen death produced by them in several such Cases. I should not be astonished to see death appear while bleeding my Patient. I have however never seen such instances occur, but I have seen them drop off under the operation of a Vomit and Purge &c. 'Tis a very hard matter to bleed a patient to death provided the blood be not drawn from a vital part. Have any of you (Gent^l) ever heard of a person dying in consequence of a bleeding at the nose, an hemorrhage from the Uterus, &c. Doct. Young of Edinburgh in his lectures on Midwifery used to tell us that in his extensive practice in that art he never knew an hemorrhage from the Uterus prove fatal.

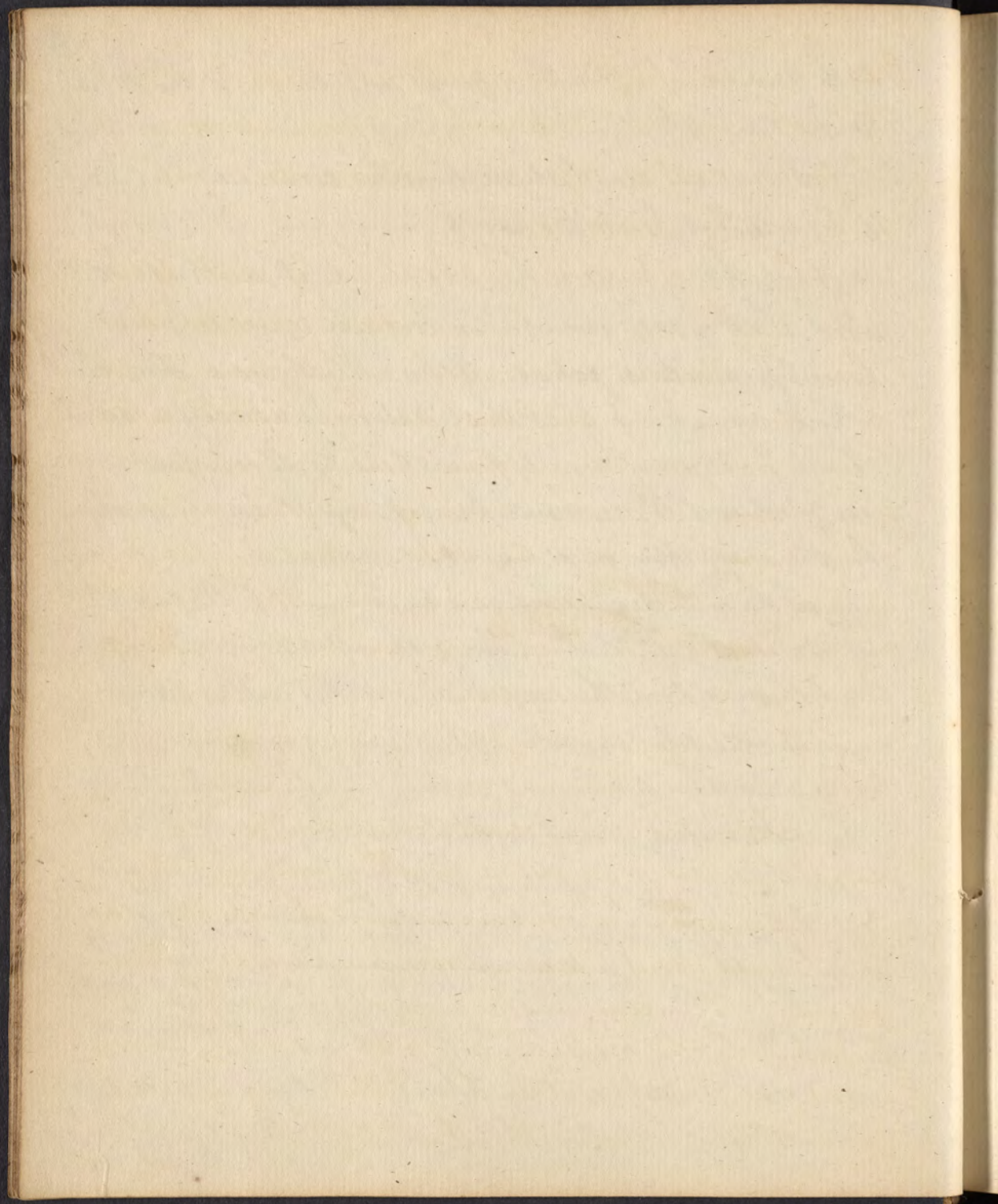
For the Phenomena which requires bleeding (Vid 4.th Vol.) You are always safe in bleeding in the depressed intermitting &c. Pulse, which occurs in the beginning of disease - You are also safe in bleeding in those complaints attended with



with paroxysms. — For the different appearances of the Blood
Vide Tom. 4th —

I have in my last publication inculcated the use
of bloodletting to render death more easy. This single
sentence I am certain has not cost me less than £1000.
It is the business of the Physician to lessen human
misery in all its forms. Other Physicians give Laud.
D. to answer this purpose, but I would advise you to bleed
in small quantities & you will thereby lessen effectually
in most cases the dreadful pangs of dissipation more than
by the use of Opium or any other Medicines. —

I have thought the five appearances of the Blood laid
down in my 4th Vol. as being the attendants of mortified
action and that the sizy blood marked inflammatory
action strictly so called. There is more danger in cases
of mortified than inflammatory action, the absence therefore of
the inflammatory Crust instead of making you lay aside
your Lancet is a vehement call for persisting in the use
of it, untill you observe sizy blood. This blood I have
always looked upon as safe soundings after a long and
dangerous voyage. By it you may (Gent) consider
yourselves as having got into a safe harbour. —
Fever of the most violent ^{kind} are said by Doctor
Faber



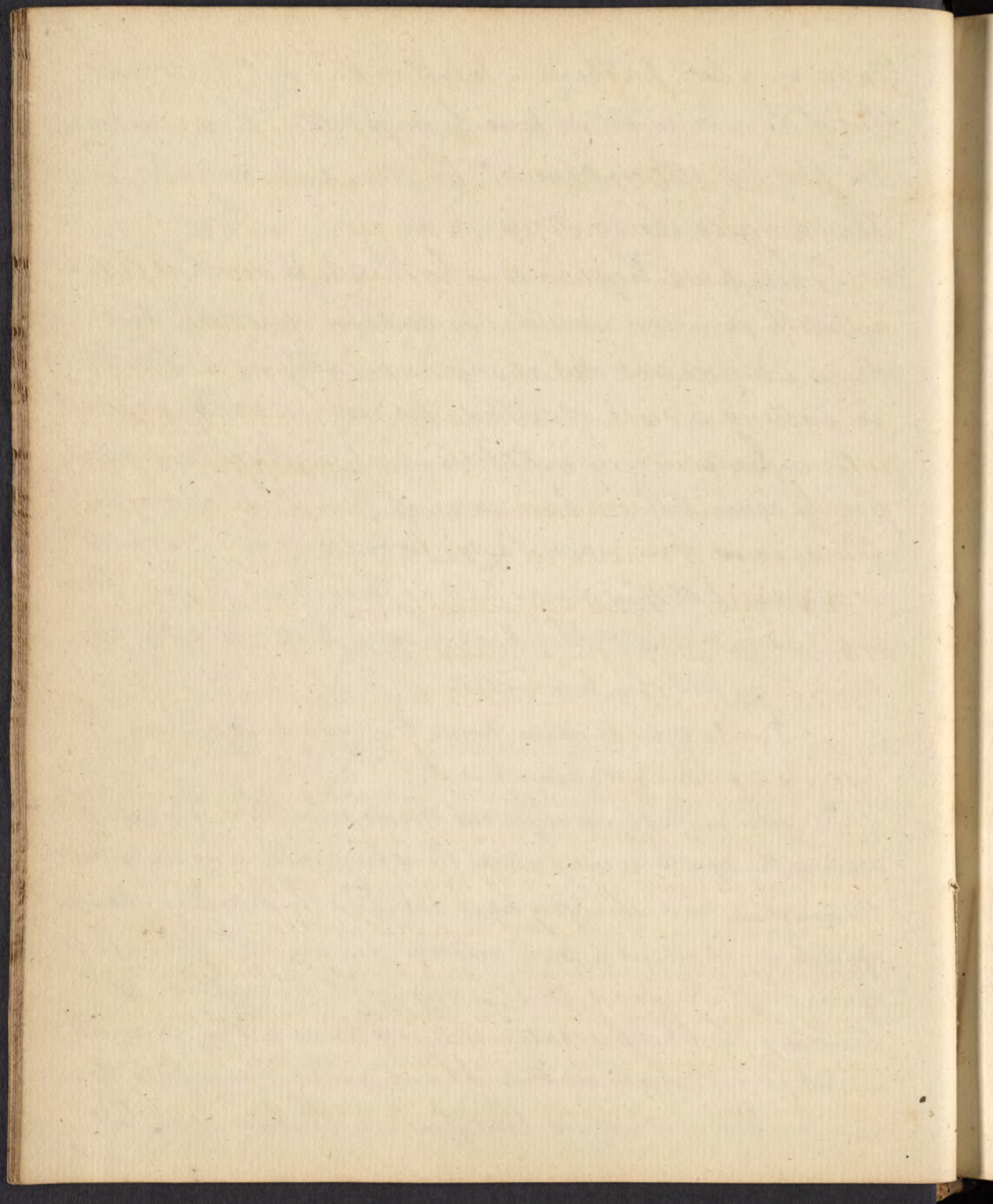
Fibre in a late publication to fall on the vital parts, while those of the more moderate kind he says fall on the emunctories. The first he calls centripetal, the other centrifugal - These are good observations.

There are Physicians who think it death to bleed more than a set number in certain diseases, but these Physicians act as mechanically as a Taylor in cutting a suit of clothes, 'tis empirically absurd.

Your patients you will find (Genl.) will seldom recover from a fever till you have taken off their florid appearance. Physicians have ridiculed me for bleeding my patients as they say till they are as pale as Jersey Veal. I have bled my patients untill they have become pale, and I will bleed them till they become pale.

I would sooner die with my Sarcot than give it up while I had breath to maintain it or a hand to use it.

In violently malignant Fevers when there is a depressed state of the system or Congestion bleed frequently and in small Quantities, and when you have removed the depressed state and brought about a pure arterial disease take your usual quantity. Riverius was the author of this method of bleeding, he bled his patients 4. or 5 times a day, in malignant fevers. I am certain I have saved many lives by this method of bleeding, that I would otherwise have lost;
his imp.

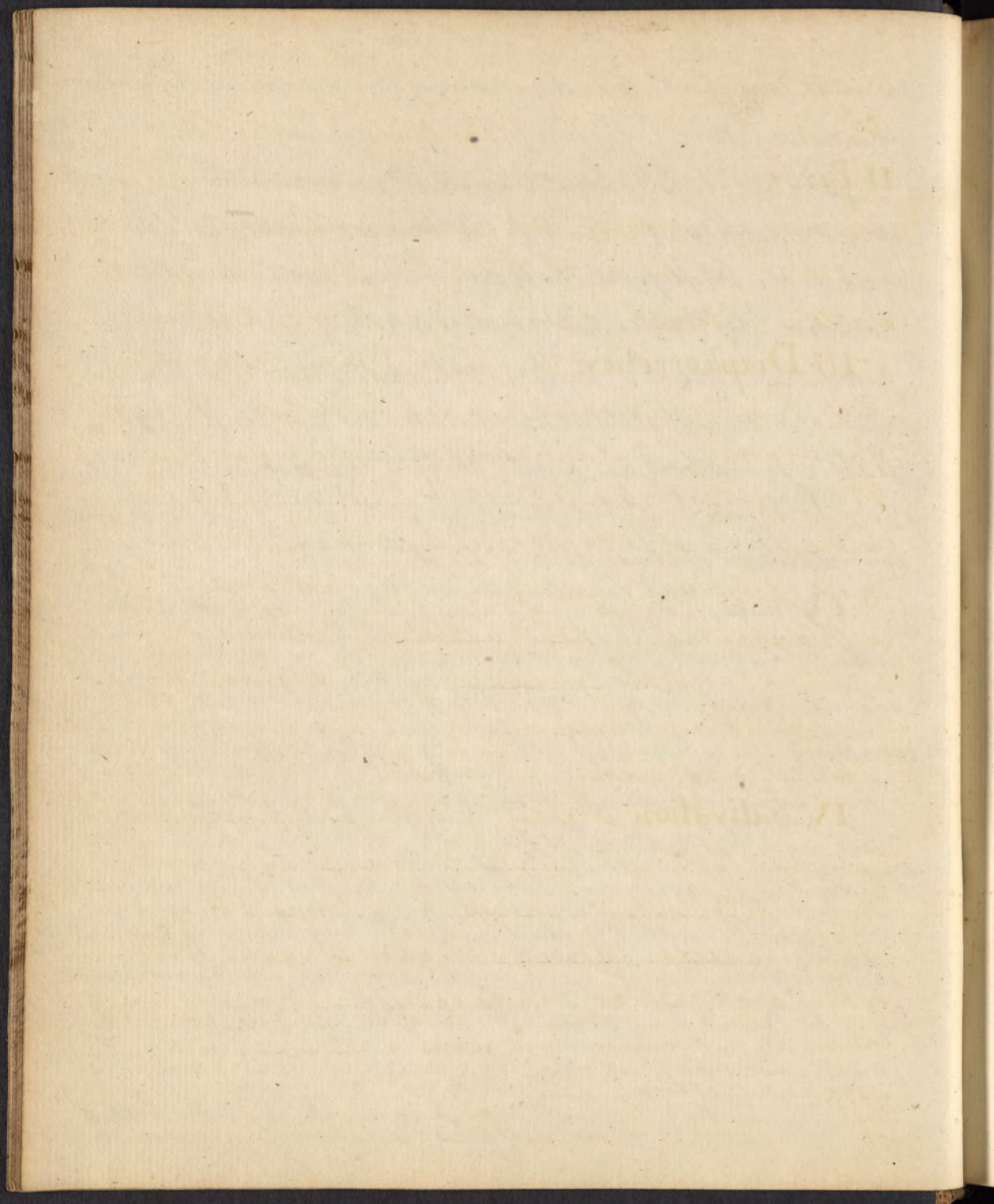


is important (Gent.) I don't know any thing more worthy your attention.

In all fevers Bloodletting should be certainly used after the fifth day - because the congestion absorbs the most of the blood from the body. Therefore but little is left to act upon the Blood vessels, and by extracting that little you precipitate death. Hence in drunkards and aged persons attend to circumstances and cautiously use the Lancet - as their symptoms are easily thrown into a propressed State.

So much for Bloodletting we will now proceed to the consideration of evacuants of another kind.

IV Vomits, They are usefull in fevers of moderate action as the bilious and anginous states, they act by removing the the redundancies of vitiated bile from the Stomach and by raising the excitement of this Organ by abstracting convulsion from the arterial system by removing indirect debility, and prostration of strength, which the Stimulus of Bile has occasioned. - To be effectual two or three should be given through the day. Doct. Cobham of N. Carolina I am informed cured malignant fevers by constant vomiting for three or four days. The Cholera Morbus is cured by nature exciting vomiting and purging. Tart. Emetic. is best. The less your patients drink to work it off the better



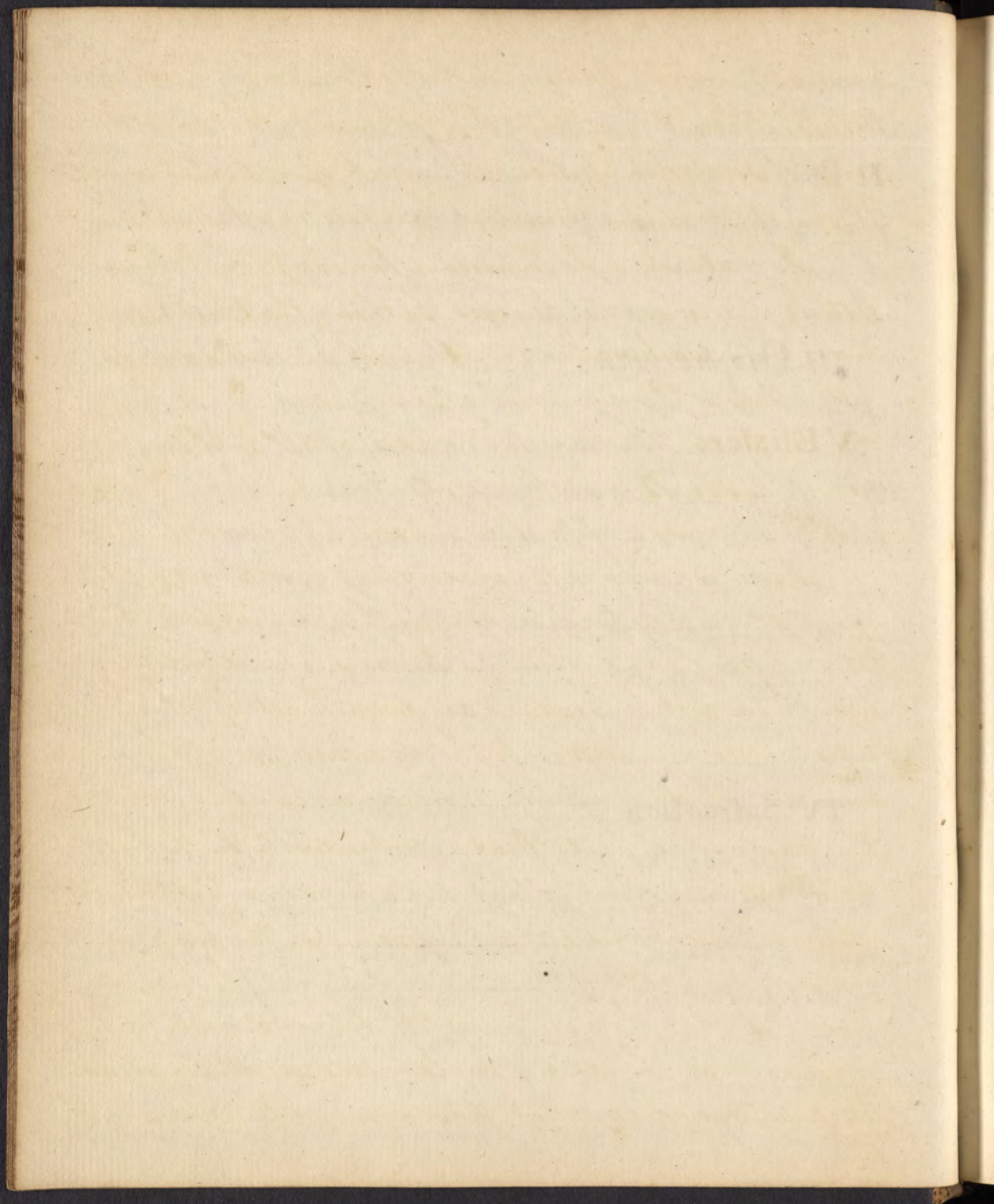
Emetics, I suspect are proper only in the easy stage of fever. When congestion has taken place they are improper. —

II Purges. They are more usefull than vomits, they not only deplete powerfully, but create a new action in the Intestines, as purges, Calomel with Jalap, Rhubarb or Sals is preferable. Gamboge is a very good Cathartic. —

III Diaphoretics. They are first stimulating medicines. 2^d diluent drinks, they act by destroying or diluting acrimony. 3 Nauseating doses of Emetic Tartar. 4th Warm Bath. 5 Cold Bath. 6 Great weight of bed clothes, This was the practice of Sydenham. 'Tis the best mode of exciting sweating in malignant fevers. To be used with advantage it should be kept up 24 hours, it should be general and the Linens should be frequently changed. Sudorifics, are seldom necessary; they are uncertain the Lancet is more effectual and I never will use them. —

IV Salivation. It should be excited by 1st Giving Mercury, every two, three, or four hours. 2^d Friction with mercurial Ointment. 3 Rubbing mercury on the Gums. 4 Wearing mercurial sacks. When a salivation is wanted to be quickly excited each method should be used. — Bleeding will render the action of mercury, ~~much~~ much more certain, speedy, safe and effectual. —

In exciting a Salivation vomits are sometimes
Service.

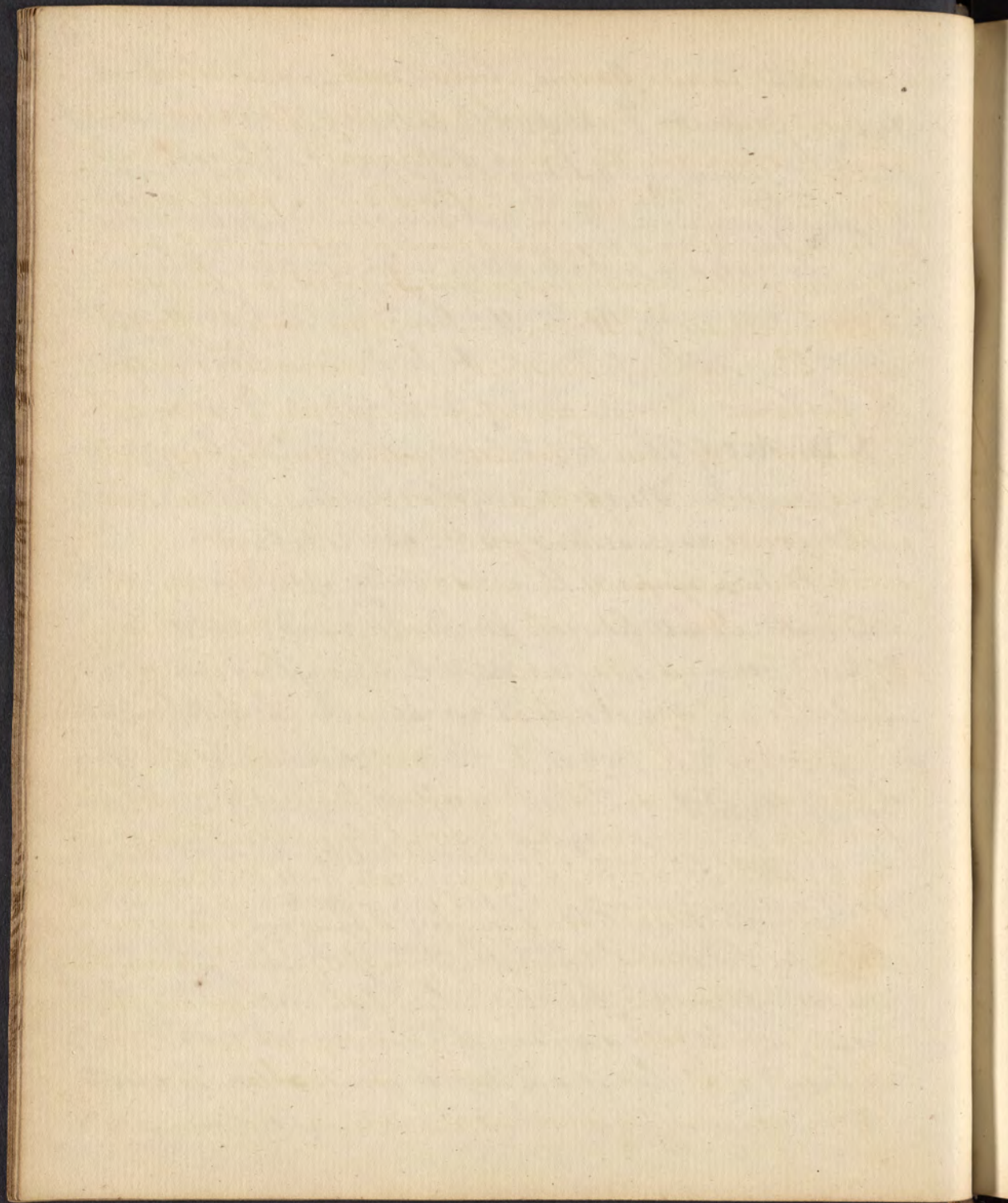


serviceable, as also Opium - Cold Bath. - small doses of
Sulap. Nitre &c - Doct. Christolm. says that moist wa-
ther is of service in assisting the quick operation of mercury -
Glysters of Mercurial Ointment have excited a Salivation -

To restrain a Salivation when excessive, Blood-
letting is serviceable, purges, bathing the throat with
Sweet Oil, washing the mouth with an infusion of
Green Tea - Opium will also suspend it -

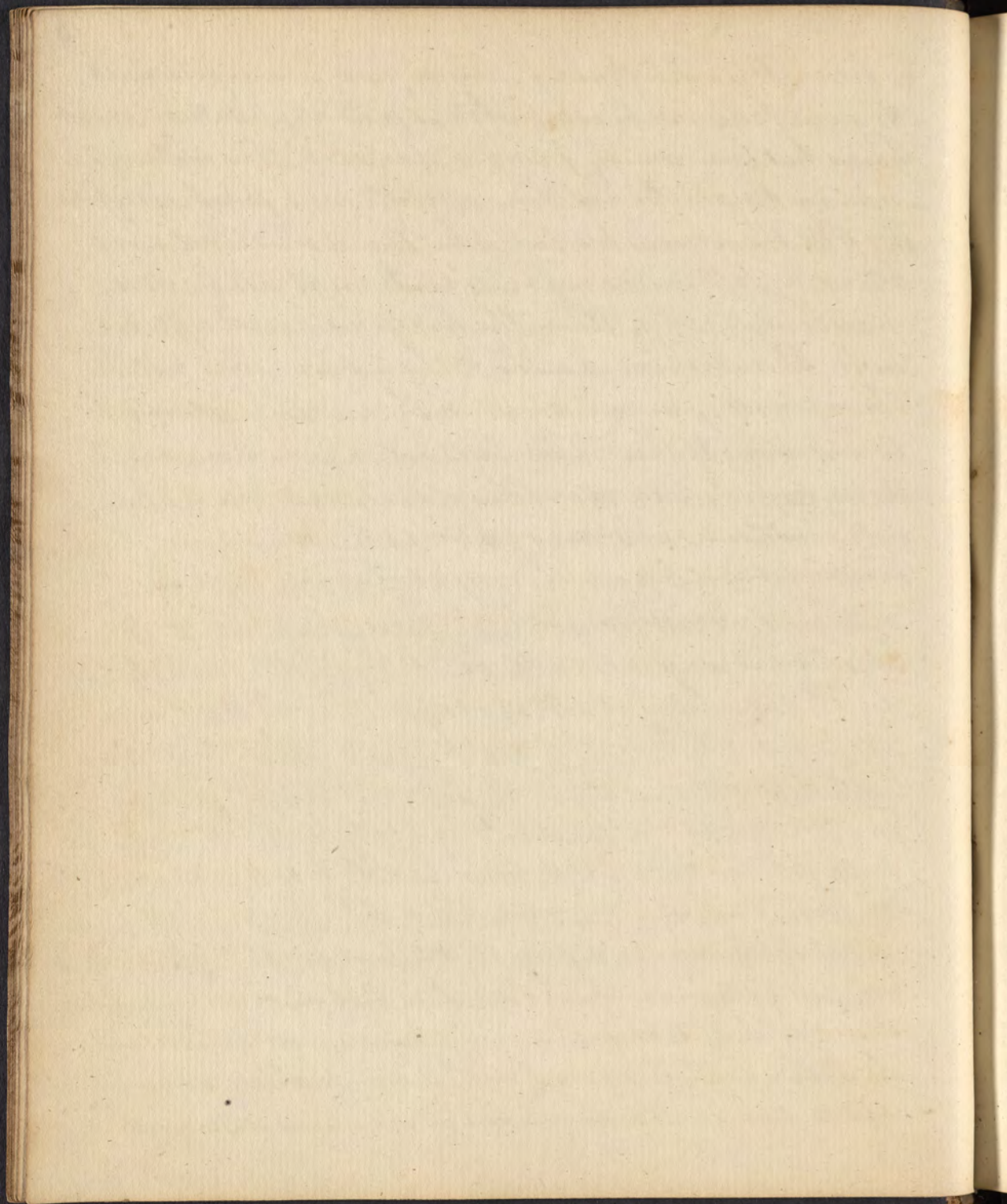
V Blisters. These are the weakest of all depleting reme-
dies. They should never be resorted to when high arterial
action attends, unless there be topical affection. -

From a review of the evacuating remedies (Genl.)
you will readily perceive how far they are inferior to
Blood-letting, and when one Person is injured or destroyed
from the use of it a thousand are from the use of other evacu-
ants - We now pass on to the consideration of the other
remedies which diminish morbid action by abstracting
the Stimulus of heat. Heat acts positively on the System.
Cold acts negatively. That it is a negative property is
proven by Chymists and Philosophers. The body is
comfortable at 62° of Fahrenheit. In fever the heat of the
Body is 120°. The difference is 24°. below 96° or 38°. raising
or lowering in the ratio of Inflammatory action. To obtain
its debilitating effects the Temperature of the room should



be below. It is a debilitating remedy and lessens excitement. No general rule can be established as to its application, much harm has been done by fixing a standard. The cool regimen in small Pox has been attended with fatal consequences, from the extremes to which it has been carried and not by attending to the above regulations. It must not be used indiscriminately, When the Lungs are much affected as in Pneumonia, Measles, &c by a diminished action, The inflammatory action consist in the arterial system cold is improper. If there be too little action pure but not cold air is improper. Its effects are most certain when continued with exercise as in setting up P- as this takes down the excitement & dissipates the excitability of the system. 2nd cold water. It acts like cold air in destroying heat it is applied two ways 1st by ablution. 2^d by dashing over the body. In the former way it acts as a sedative, in the latter as a stimulant. The former of these two ways is only proper in inflammatory fevers, 'tis not necessary to use it generally, for all the purposes are answered by applying it to the different parts as to the head, feet &c and injected into the Bowels, the second mode acts as a stimulus. I know one case of instant death by this means during the fever of 1793. Chills sometimes attends inflammatory Fevers in which both methods are improper. The cold bath is used with advantage at Breastsau. It should be applied for a length of time to obtain sedative effects from it. The Indians and Africans diminish to

excessive



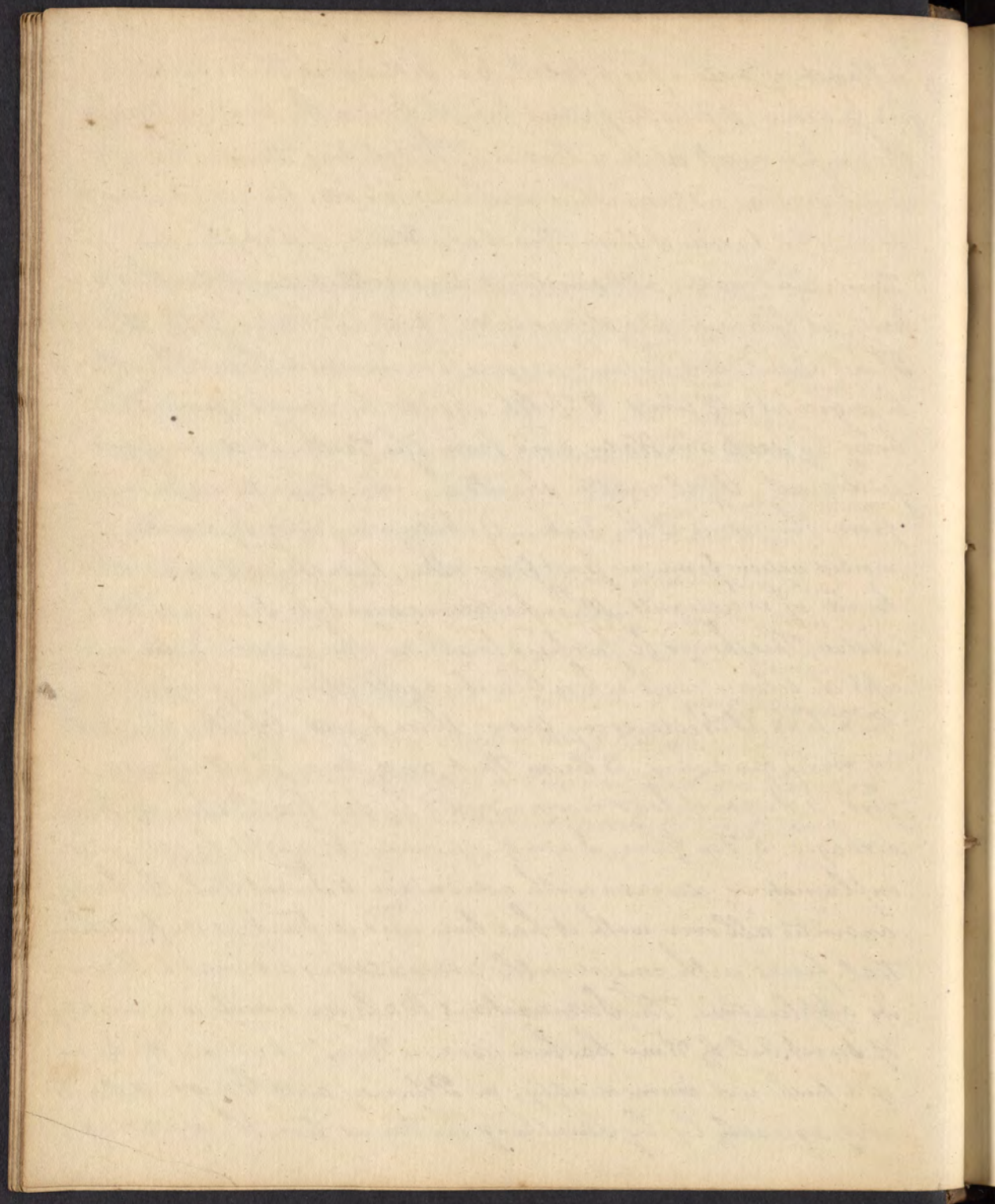
excessive action in the Small Pox by plunging into cold water. And Mr. Bruce mentions that at Mesina they used it to cure bilious Fevers by deturging the Patient both inside and outside. During the Plague at London a Patient was cured of it by Swimming across the river Thames in a delirium—hence the morbid excitement was taken down and with it the excitability. The feet immersed into cold water will reduce the Pulse 20 strokes in a minute. Pounded Ice inclosed in a bladder acts as an excellent Sedative. — They all act by, 1st abstracting the heat from the Body. 2nd Mechanically by contracting the muscular fibres of the Blood-vessels.

Physicians have objected to cold water as being prejudicial to patients under the use of mercury. They are wrong. — For what do we direct our Patients to avoid cold water while they are under the use of Mercury. Is it to prevent the mouth from swelling and becoming sore? If so, should we not rather advise the use of cold in its various forms in inflammatory fever. It brings about the wished for effect much more quickly. —

2nd Abstemious diet, as food is a stimulus, it should be abstracted in disease. Toast and Water, Beer &c. will be sufficient. 3 Light It should be abstracted in a great degree. I have seen the light from a sparkling Hickory Fire, produce delirium in fever. 4 Fear, it abstracts the stimulating passions, and when moderate I am persuaded would be of service in inflammatory Fevers. 5 Rest, it should be strictly enjoined. I have known many instances of very short journeys being undertaken in the incipient state of Fevers of In.

Nitre acts powerfully on the Stomach, this is proved by
Dyspepsia which is often the effect of the use of Nitre a
length of time; - it is improper in bilious cases - Tart.
Solub. is preferable in bilious cases - The different
preparations of Antimony are recommended, of these
Tart. Emetic is the best. - Ipecacuanha may be substituted
in the room of Tart. Emetic - Seneca Snake root is
related to Tart. Emetic in its operation, it is used in cases
of Pleurisy, Anginosa and Rheumatism - - are there
any other means of reducing morbid action in the
System? Yes, 1st Powerfull friction 2^d Strong stimulating
Powers, In the Pleurisy suspending the patient by the
arm of the affected side over a fence or limb of a tree -
Cold and Warm Bath, There is no substitute for
Venesection. -

of inflammatory nature prove fatal. 6.th Sitting up in a chair is a good practice, it frees the patient from the heat of the bed, and gives the air free access at their Bodies. 7.th Diluting Drinks are of much service in cases where acrimony exists, too much cannot be said in favour of them. Toast and Water, raw apple water and Tamarind water, all sweetened are excellent drink for this purpose, as likewise are Lemonade, Milk and Water, Jelly Water &c. Thirst should not be the measure to invite us to them. They should be urged at all times. 8. Filth should be removed from the body by soap and Water, and from the Teeth, it is very prejudicial. Offal matter should be immediately removed from the rooms of the sick - 9. Medicines, acting by diverting morbid action from one part to another, these come all under the head of evacnants. 10.th Medicines said to be Sedatives, are 1.st Nitre, This should be preferred to all the other neutral salts, except in bilious cases where Glaubers salt should be preferred. - 2.nd ʒss to ʒss of Nitre every two or three hours. Of Glaubers Salt ʒij every two hours. 3. Gum. Tart. and Scises of all kinds are good. 4. Sugar of Lead recommended by Sir Geo. Baker in Hemorrhages. 5. Fox Glove, I am of Opinion it might be given in inflammatory diseases with advantage 6 Sweet Oil the body anointed all over with it has been used in Turkey in putrid fevers with considerable advantage, a sweat following its application. The Samaritans Balsam which is a mixture of Sweet Oil & Wine has been used in Fevers; it relieves the pain of a fresh cut immediately, in Pleurisy and Cough Oil acts very agreeably by by soothing the Fauces from the irritating



discharge which takes place

These are states of fever where Stimulants are necessary. They are either external or internal. The former are, 1.st Warm Bath, 2.nd Cataplasms, 3 Tomentations of the Bowels and Limbs. 4.th Blisters &c. The latter are divided into Medicines & Aliment. Under the head of Medicines are, 1.st Fermented distilled Liquors. 2.nd Empyrematic Oils. 3 Musk. 4 Castor. 5 Opium. 6 Ether, 7 Chervil 8 Bark 9 Volatile Alkali 10 Invigorating passions -

Under the head of Aliment are

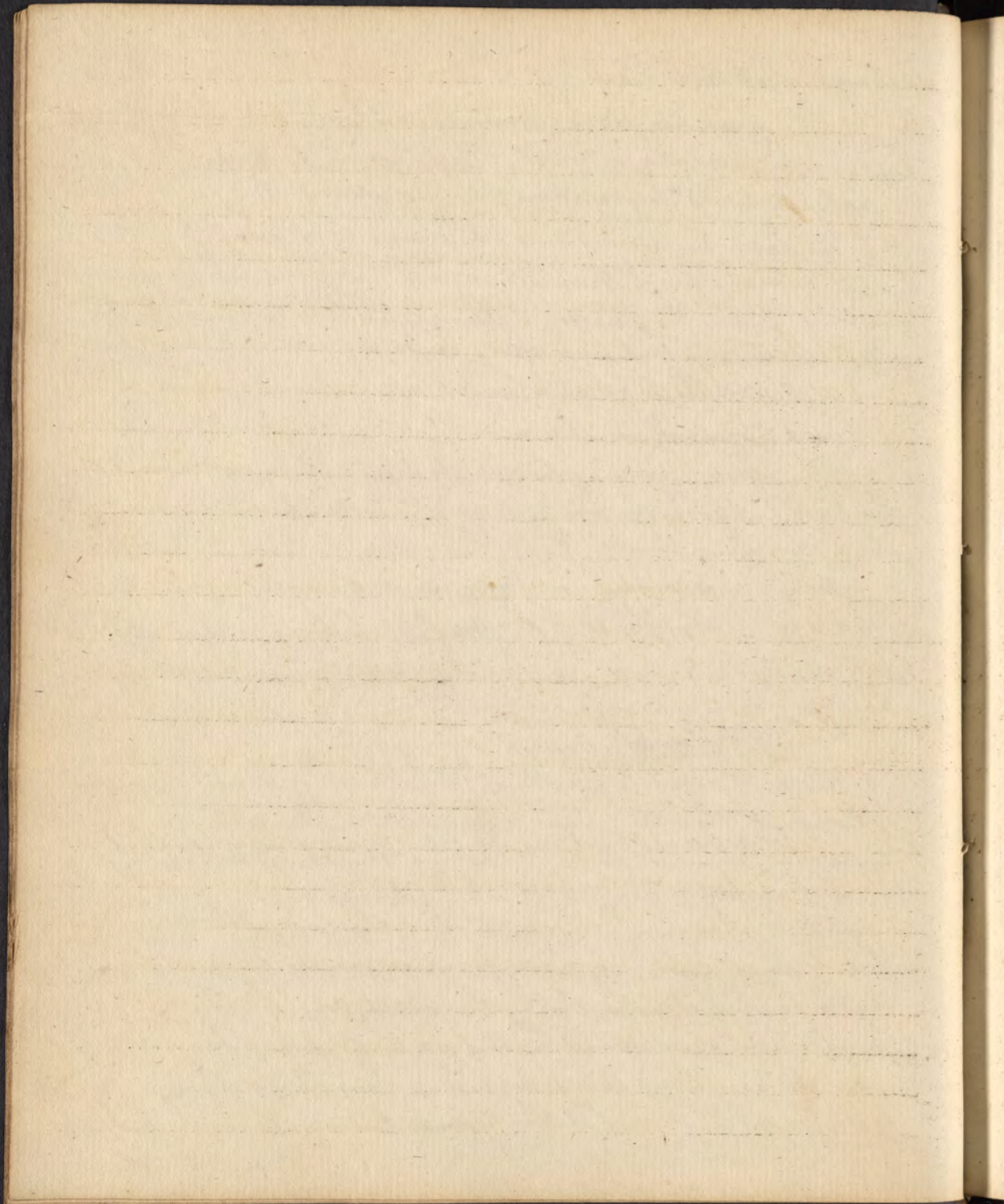
1 Vegetable 2 Animal

In the administration of Medicines attend to the following directions, 1.st begin with small doses and the weakest first and proceed gradually to encrease them 2.nd Give but one or two at a time 3 Give them in rotation, as a constant use of one prevents the system from being acted upon by it, whereas by omitting it for a time, its effects are again produced nearly as before. 4 Give them constantly. This applies particularly to the internal as Opium &c.

Of Stimuli considered separately.

1.st Wine, This consists of a Spirit, Acid, and unfermented matter called Must. The white wines contain more of the nutritious, cordial, antiseptic, ^{stimulating} properties than the red wines, they should be preferred in all cases of acidity. They may be either given alone or diluted in large quantities, as from a quart to three pints a day. Doct. Campbell gave a woman as much as six pints in a day. It is remarkable that persons in the Typhus state of fever, who when in health could not drink half a dozen Glases without being intoxicated will drink from two to three bottles of Wine without any sensible effect. I think I once lost a patient in this state

of Fever

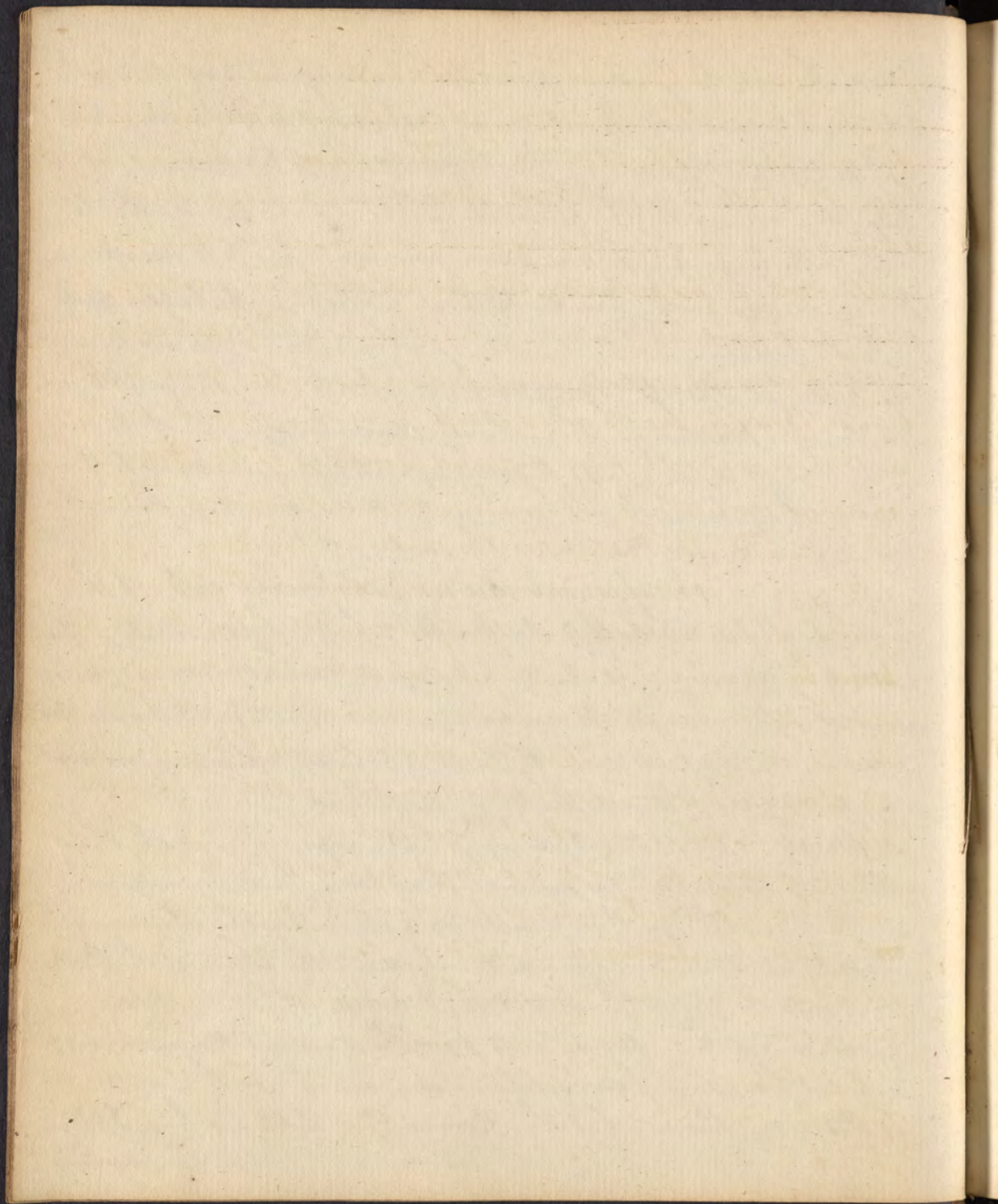


of Fever through the ignorance and obstinacy of his parents who would not permit him to take more than 2 or 3 Glases a day, for fear as they said of sending him intoxicated into the presence of his God. 2nd Malt Liguors. Porter is preferable to all; its bitter property, gives it a tonic power, and is not liable to decomposition in the Stomach, from one to three Bottles, may be taken daily. Doct. Lettsome has the Credit of first introducing it into practice. 3 Distilled Spirits. Spirits are far inferior to wine and malt liguors as they are less nutritious. They are only stimulating without having any other effect. They may be given to such as are accustomed to their use with advantage and may be applied to the skin externally or snuffed up the nose.

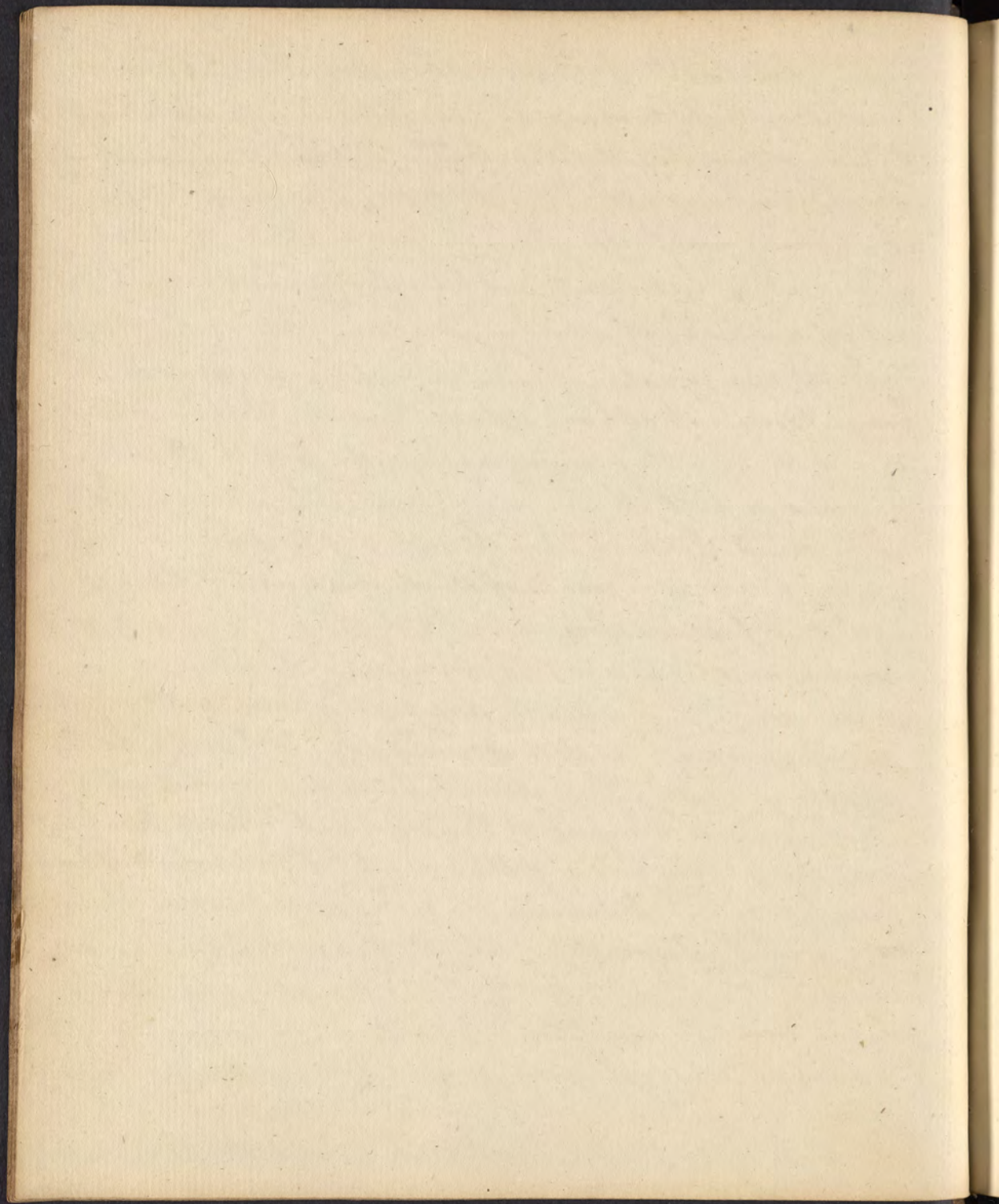
4 Empyreumatic and Aromatic oils. Of the former I am only tied to the oil of Amber which is particularly useful. In the Ricough which attends the last stage of Fever it proves very serviceable. It is good after all spasmodic affections. It acts on the muscular fibres. Oil of Mint under the head of volatile oil is very serviceable in assisting the Stomach to retain Medicines.

5 Musk. 6 Castor. I am very little acquainted with the Stimuli taken from the animal Kingdom. These mentioned succeeded Album Græcum &c and other Soothsome remedies. Lately an attempt was made to introduce the Urine of the Pole- Cat into the list of the Materia Medica. I have seldom given any of these Stimulants from the animal kingdom, but when I have they have seldom done much good.

7 Opium. This is what the Roman Poet calls his hæro. "Ipsius Agonem"



augment a host of it self. I believe it to be a Stimulus and a most
 powerful one, all its effects may be explained from this principle.
 And this opinion I published in the Philosophical transactions long
 before I heard the name of Doct. Brown in Medicine. 'Tis true
 I knew him in Edinburgh when a Student, but he was then distin-
 guished only for his profanity and his velocity and acuteness in
 writing and his being a very great Latin and Greek scholar.
 That Opium is a stimulant I infer from its effects on the
 human Body in health and sickness. Thus when given in small
 doses it decreases the frequency and quickness of the Pulse and
 increases its fullness. If in large doses inflammatory action
 is produced. If it acts upon the surface of the Body by pro-
 ducing perspiration and its effects are analogous to spirituous
 liquors. It produces sleep in the System when below the sleeping
 point by raising it to it, or if it be above by inducing in-
 direct debility. It acts on the same person differently at different
 times according to the state of excitability. 30 Grs. of Laud. Sig-
 affecting the system more at one time than 300 would at an-
 other. Doct. Beauguet at Paris took in the course of one day
 100 grs. of Opium and ʒj of Ether in a fit of the Cholera without
 any bad effects. It enlivens the mind and removes flatul-
 ency from the Stomach. All the Stimuli have their dif-
 ferent systems to act upon, while if I suppose an Universal
 empire over the whole Body. Other Stimuli may be compared
 to a candle which only gives partial light while Opium may
 be compared to the sun which gives Universal light to all nature.
 I was first led to believe it a Stimulant from the following

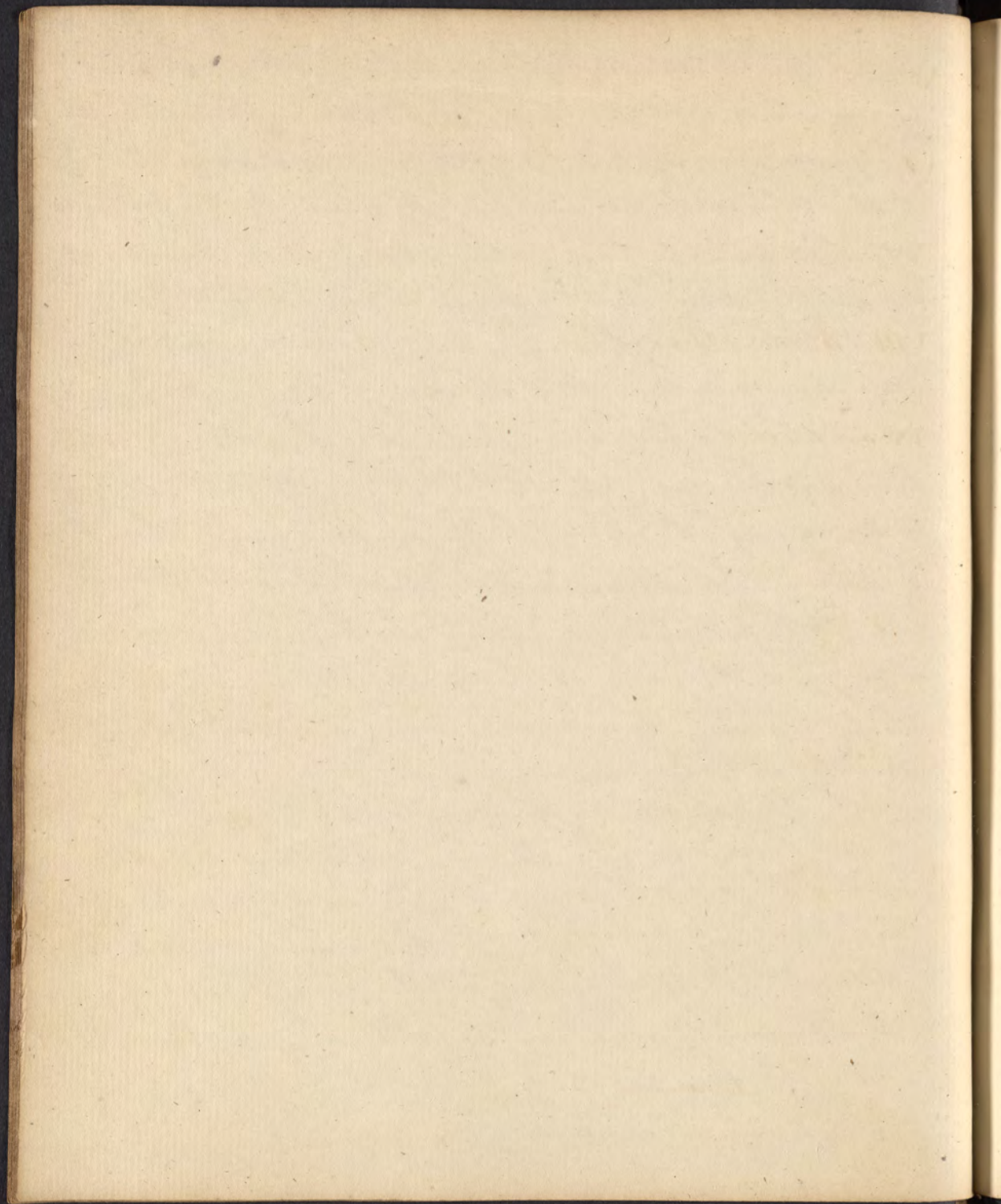


fact. a Gentleman in the lower stage of Typhus fever took by mistake a tablespoonfull of *L. Laudanum* instead of the same quantity of a bark mixture and immediately fell into a deep medicinal sleep which lasted 48 hours, at which time he awoke relieved from all his symptoms, during his sleep his perspiration was natural & easy —

The want of sleep is more frequently occasioned by an excess than a deficiency of the dose — I have frequently induced sleep by 5-10 grs. of *L. Laud.* when 50 would not have had the same effect — Sleep should rather be brought on by raising the system to the sleeping point than by inducing indirect debility the latter tends to *Pluvia* —

The following directions should be attended to in giving of Opium — I the less the deficiency of action the less the dose, by attending to this a few drops will sometimes have a salutary effect

II. The dose should be increased. III it should be given in small doses during the day, and a large one at night as then the debility is greatest IV in all cases of direct debility it should at first be administered in small doses — Dr. Steadman relates the case of a boy who having been previously debilitated by an Emetic; died in consequence of taking XXX grs. of *Laudanum* which was certainly a large dose for the state of the system —



V after being used for some time it should be laid aside and other Stimuli used in its place.

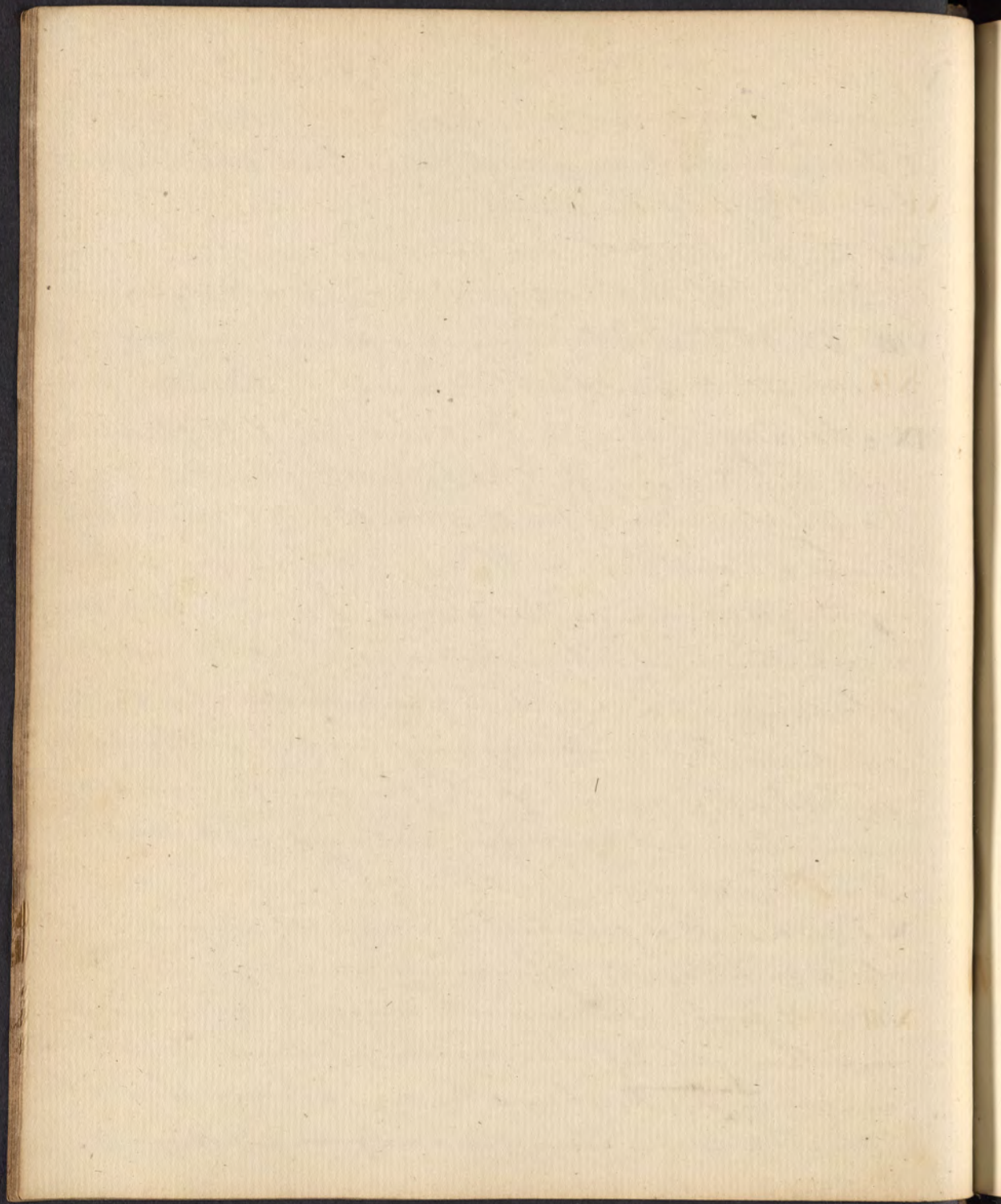
VI It should also be administered by Glyster when its effects begin to lessen by the mouth.

VII The dose should be lessened as the patient recovers in proportion to the ratio of the action of the system.

VIII *Ether*. It may be given after Opium from $\times \times \times$ grs to a teaspoonfull every hour - tis a very volatile Stimulus -

IX *Mercury*, I have ranked it under the head of Stimulants it is a powerful one. In 1788 I attended a Gentleman in in a very low state of fever, on the 13 or 14th day he complained of a dull pain in the region of his Liver - suspecting an obstruction in that viscus, I ordered 3j of Mercurial Ointment to be rubbed upon the affected part, which induced a salivation and promoted a favorable crisis - This medicine may be given with advantage in Typhus Fever. - In fact in every chronic state when every other Stimuli fail I always make it a rule to use This medicine freely -

X *Bark*, It is good both as a diffusible Stimulus as also a durable one. It has many advantages in in low states of fever - Its use should always be begun in infusion, then with *Liq. Sassafras* as follows, Take Bark mint water, ^{*Sassafras*} and *Huxham's Tincture* and mix them together. When it fails it is because it is not given in sufficiently

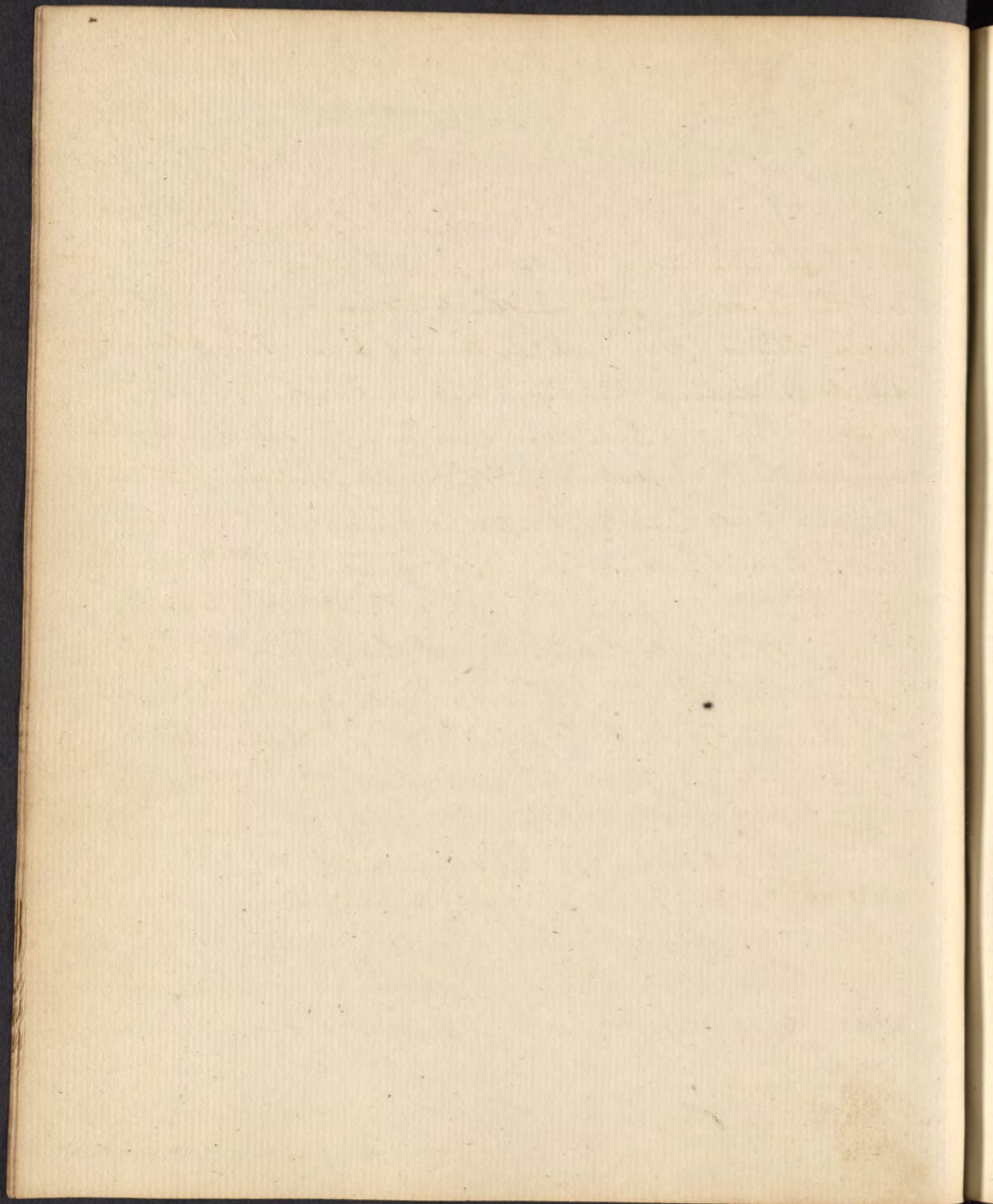


large doses. It may be given from ʒj - ʒx per day. when it is rejected, Gentian and Colombo should be substituted, but they are no more to bark than Anafaticon is to Opium.

XI Volatile Alkali, Pringle long ago discovered an antiseptic property in this substance but its use arises entirely I think from its Stimulating the System - from ʒss - x may be given in form of a Pill. —

XII Invigorating Passions, The state of the Patients mind should never be neglected in these low states of Fever. Anger and Terror have both been attended with success; by Anger 'Tis said Dr. Cullen once prevented an attack of a Typhus Fever. Courage has done wonders. Joy has often had happy effects — Hope is the most cordial passion and most under our direction — It should be excited by the recital of agreeable news. — The midnight tales of Old women should be guarded against. A pious Clergyman should be permitted to converse with the patient I have seen happy effects follow their visits. It composes their minds and inspires them with hopes — A good answer to make to your patients when they inquire about their friends who are ill even tho' they be dead is to say they are very low but you hope they will soon rise or get up again. —

XIII Pure Air. Too much cannot be said on pure Air I say pure air for cold air is very hurtfull in these states of fever. Dr. Lind mentions many cases in which a change of air changed the Yellow fever into a common Intermittent.



This among other reasons proves the Unity of Fever. To encourage the circulation of pure air 1 The room should be kept empty. —

2. There should be a fire place in the room and a fire kept in it. —

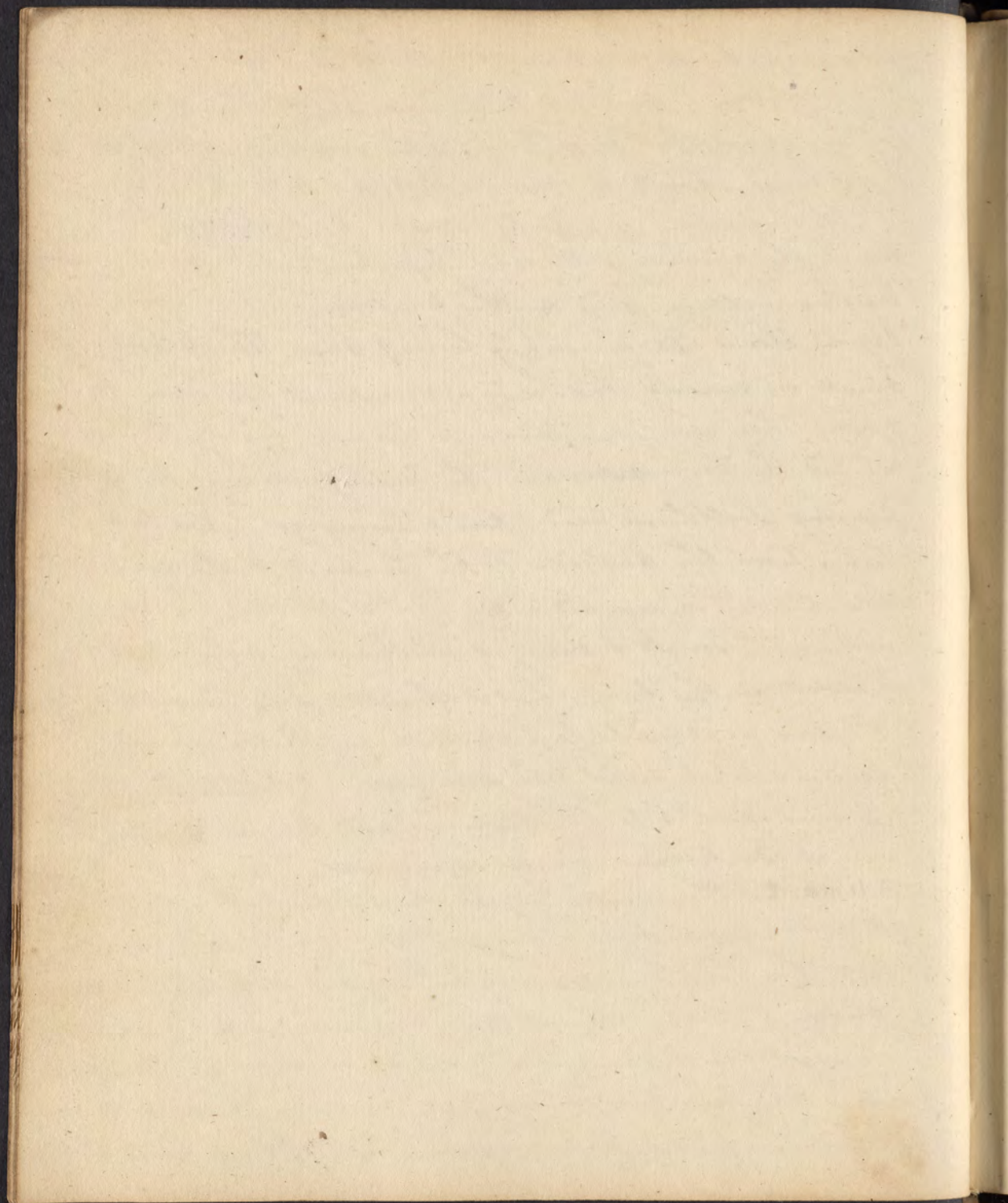
3 All causes should be removed that tend to correct it. —

4. Its impurities should be corrected by keeping a little fire in the middle of the room and keeping the windows open.

Earthen walls are said neither to retain nor propagate contagion this is left on record by Count Sax. The effluvia of Smoke in curing Fever did not escape Mr. Bruce. for he says, "Those who were poor and lived in smoky houses escaped the Fever at Moscow". The defflagration of Nitre by pouring Sulphuric Acid upon it disengages pure Air. —

Tubes from the Outside to the inside of the Patients room have been recommended as an excellent method to purify the air. — The smell of vinegar whether pure or burnt is very grateful in this fever, but it should not be sprinkled on the floor as it is apt to putrify there. Water should be preferred to sprinkle the floor with. Volatile Liniment is now applied to the stomach and Bowels and injections of Bark wine is very serviceable. —

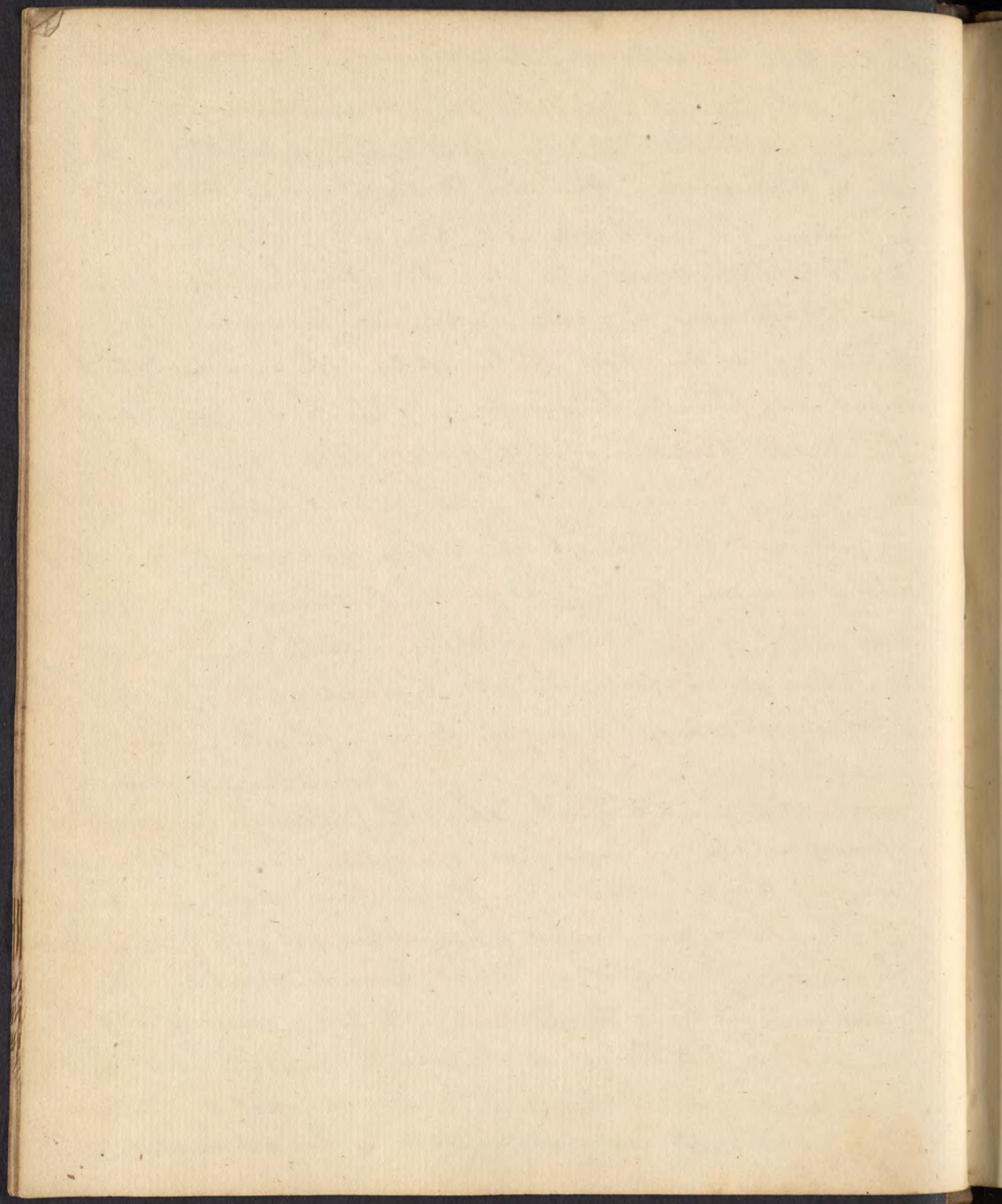
Aliment. This is either vegetable or animal — Under the Vegetable are Sago, Potatoes, Tapioca &c. Animal food has been objected to on account of its alkaliescent tendency, but without foundation, it is far preferable to vegetable because it is more stimulating. Oysters and Chickens are grateful. When soups are objected to solid food may be recommended. I have cured many



in low fever by attending to Aliment. The degree of appetite should not regulate the administration of Food. - For we know that there is often digestion without appetite & vice versa. - You should urge your patients to eat often 'tho' but little at a time. -

External Stimuli. They are 1. certain internal Stimuli so prepared as to be applied externally to different parts of the Body, as the Nose, the Temples, the regions of the Stomach and bowels, the Limbs, and the lower Intestines by way of Injections. 2 Cold and warm Water but these can seldom be used owing to the great debility induced by getting out of bed. Doct. Tilton was nearly destroyed by endeavouring to apply it in the late war. - All their advantages may be obtained from warm fomentations of Brandy and Water to all the parts of the Body. -

Pediluvium. Sponging the Body with cold and warm water will answer. Stimulating Cataplasms of bread and milk mixed with Garlic should be applied to the feet, but should not stay on longer than two or three hours. It is not necessary they should stay on longer than three or four hours. If then fail the external application of it with Wine will have a very good effect. - Doct. Broadbent of S. Carolina was cured by being wrapped up in strong infusions of Bark and wine - 3 Blisters. They are not improper, but they are seldom of much service. They are what Doct. Brown happily calls "extremeunction" - In medicine there



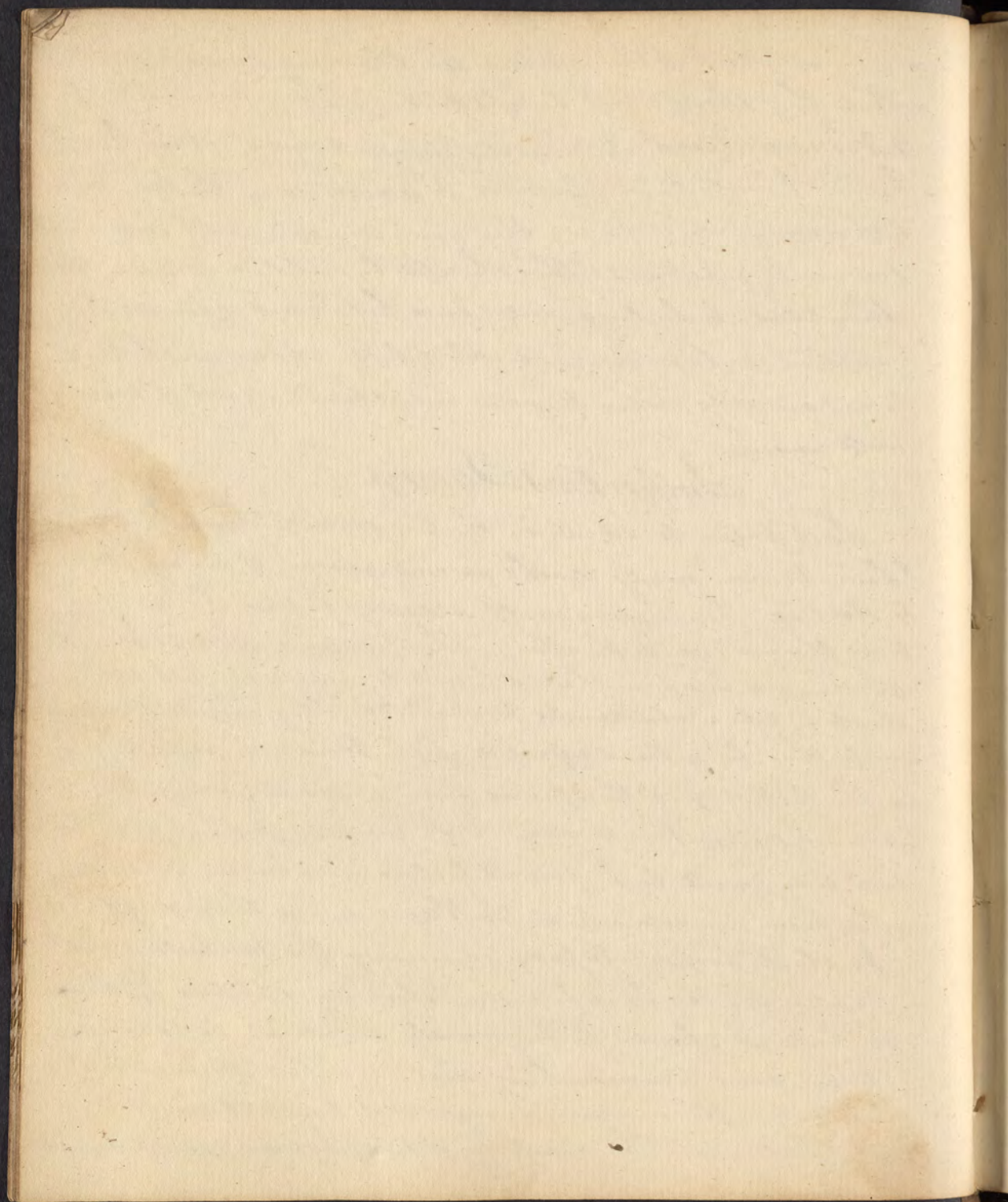
is a point which I have called the blistering point, after which they should not be applied. —

4 Fomentations, of Volatile liniments, mint water, Camph. horated Spirits &c are proper. 5 Bleedings in the low and lethargic state of fever, they are attended with imminent danger to a patient. They should be applied between the shoulders. 6 Boiling water and hot Irons should be applied in Syncope and Apoplexy. As we wish them to act quickly; when they are not at hand a coal of fire will answer

Important Queries.

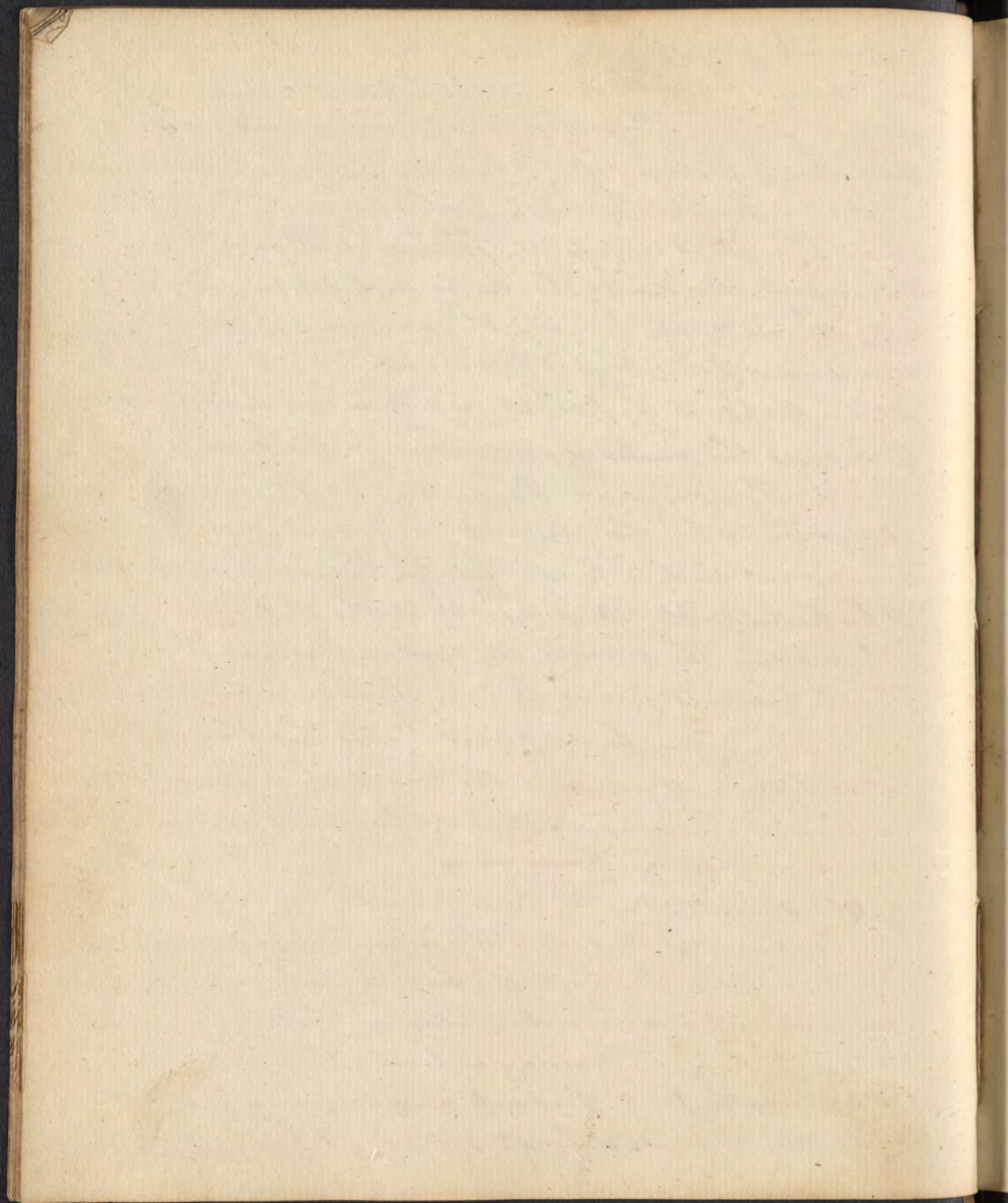
Is it proper to set up in the low state of Fevers? No. — I have known many deaths in consequence of rising to go to stool. — I once saw a death suddenly happen by turning from the one side to the other. — These exertions abstract Simili. Cloaths or a bed pan should be used to remove the patient's stools. — Are cold drinks proper? No. — They should be warm unless there be a local affection of the Stomach as happens in the last stage of these fevers from a retinment of the excitement from this Organ. 3 Is purging proper? No. One stool a day will be sufficient but no inconvenience will arise from the retention of the Faeces two or three days. —

Is sleep proper? To judge concerning this the pulse must be attended to. If it be active sleeping is proper. If low, the patient should be frequently awakened to take some Stimulant or nourishing diet. — These observations were to show the immense consequence of frequent visits to your patients. The necessity of our frequent attention will



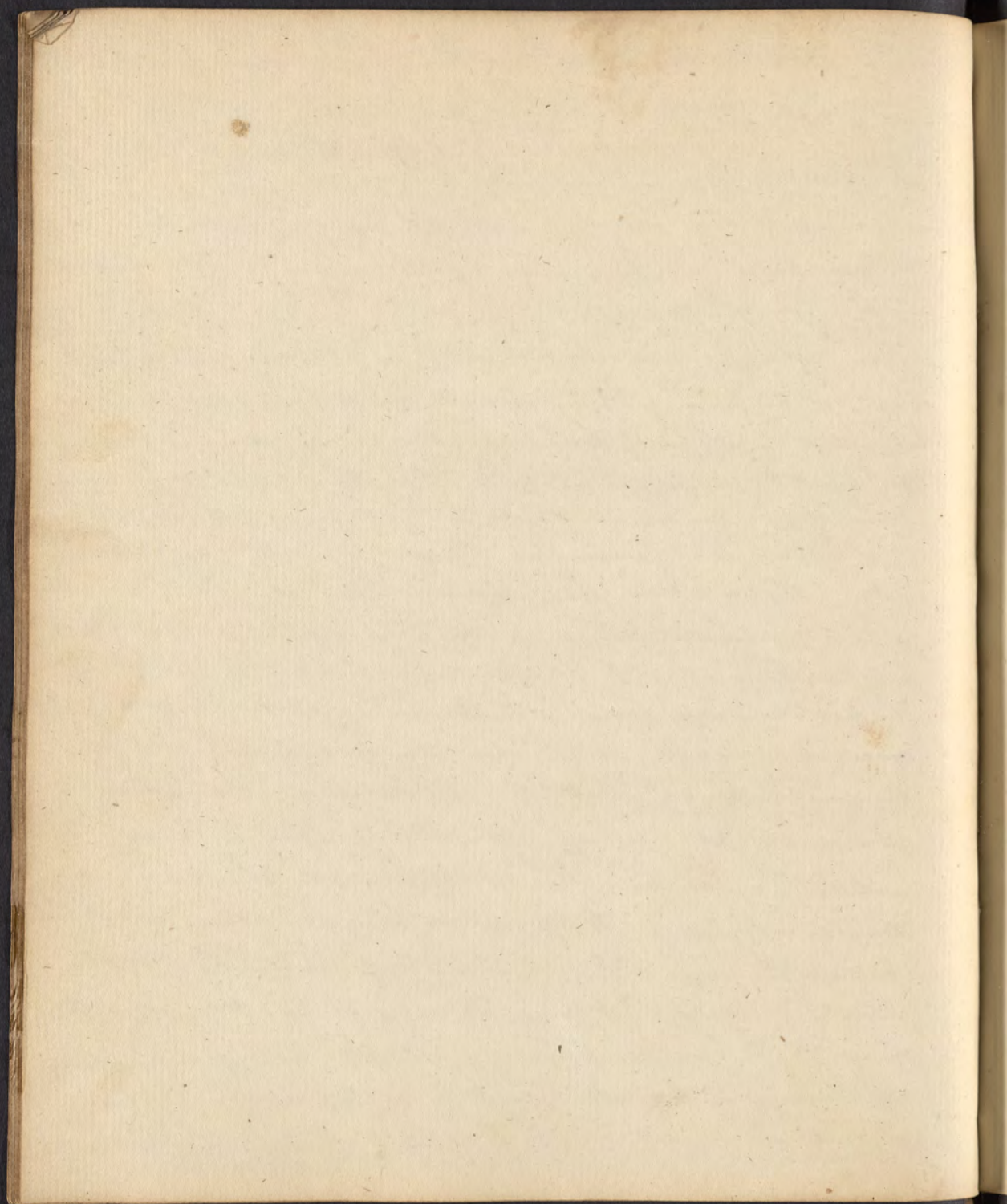
also occur to you when you consider how readily one state of fever changes for another. — I will here require a total absterion — If a Physician was well acquainted with the state of the system, if he had an uncontrolled government over his patients, if he was always to be with him &c. I have thought it impossible for him to die of a fever. — Unnecessary attendants should be prohibited from your patients especially the friendly Physicians who are not the attending or Consulting Physicians. They are not responsible for the life of the patient and their conversations frequently destroy the necessary confidence in the prescribed medicine or the attending Physician. A Physician should always study the climate and the prevailing diseases of the Country in which he lives: Then the habit and constitution of his patients &c. But the state of the Pulse, the state of the system, the state of the system I repeat it should be the Compass from which we should never take our eyes in directing our prescriptions. — 'Tis this that should alter, lessen and increase the dose of medicine. 'Tis like a ship at sea whose sails must be altered at every varying change of the wind. — ~ ~ ~

Convalescence. We have finished our description of fevers generally. Yet after the termination of fevers patients are frequently the objects of medical attention. Convalescence is itself a disease of debility with excess of excitability and with several symptoms of fever. The symptoms are 1 Watchfulness. 2 Sicknefs and vomiting 3 defects of appetite. 4 Swelled Legs. 5 Obstructed Secreta — 6 Ulcers. —



2.
14th Defect of Speech. 8 Impaired Memory. 9 Alteration of the
Voice. 10 Costiveness. 11 falling off of the hair or its becoming
Gray. - 12 Impaired state of the Understanding. 13 Cough.
14 depravity of the moral faculty sometimes occurs. 15 A
discharge of bile sometimes takes place after bilious cases -
16 Feverishness will frequently happen and is sometimes pre-
ceded by Chills.

The cure consists in cordial drinks and nourishing
Diet; of the former, Porter and all small liquors, of the latter
Chocolate, wild fowl, Beef Steak, Beef Steak, Cysters &c;
We must let our patients eat often^{ly} but little at a time
Fruits of every kind are proper in the convalescence of Fevers, - We
must however for sometime use the most nourishing - Mr. Howard
tells us that a relapse has happened 40 days after the Plague
by eating animal food. and Mr. Bruce tells us that after
a severe fever even the smell of meat had a bad effect.
The premature indulgence of the Venereal appetite frequently
occasions a relapse, as also too great indulgence of the
Understanding. Doct. Campbell relates an instance
of a convalescent dying immediately after answering an
interesting Letter. - The usual Stimuli should be cau-
tiously applied. - Hurry your patient as soon as possible
out of the room when he has lately escaped his grave. -
For his empty Pillboxes, Bottles, Rags, Plaisters, Frag-
ments &c. frequently produce a relapse by a debilitating
association of Ideas. I would strongly recommend change
of air, shaving, combing the head &c. - The patient thinks himself
will

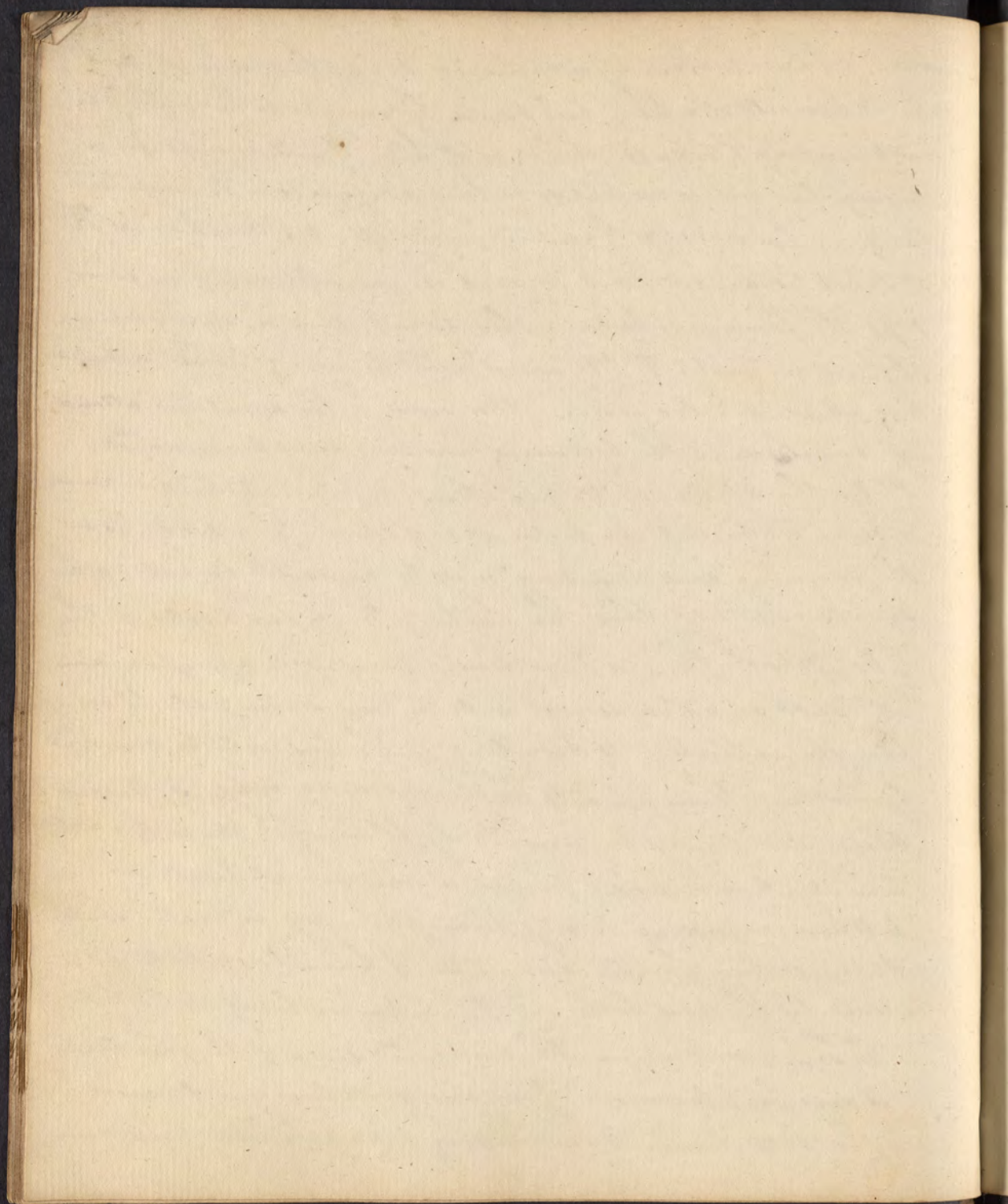


well. — I have heard of a Gentleman in S. Carolina who always
relieved himself of a fit of low Spirits by going into his wardrobe
and changing his dress. Change of air. Gentle exercise in a
carriage but not so violent or so long continued as to induce
fatigue, for novelty has surprising effects. Huxham's R^e
of Bark is an excellent cordial in convalescence from fever.

1 If the fever was taken either by infection or contagion we
should avoid it. 2 We must avoid purging for its debilitat-
ing effects are too severe. For some of the symptoms attend-
ing convalescence the following remedies may be employed.

1st for the Obstinate Watchfulness a few drops of Laudanum
or some porter will be proper at bed time. 2^d a sickness in
the morning and vomiting may be prevented by eating a
small quantity thro' the night. 3. A few drops of the
Elix^r. Vitriol three or four times per day or a preparation
of Bark or Colombo root will be very serviceable to res-
tore the appetite. 4 Swelling of the legs will be removed
by rubbing them up and in the morning only. 5. Visceral
Obstructions may be removed by bleeding if the pulse will
bear it. A mercurial purge or mercurial frictions. —
6 Ulcers according to my principles may be treated with
stimulating applications. — I have known fatidity
cured by the cold bath and I have known lying cured by
the same means. — The impaired state of the faculties
is very hard to remove, time and good living will most
probably cure. By attending these methods laid down

many



many have been saved from the Grave. From the present
successful method of treating dysentery not one of an hundred
dies, tho' thirty years ago twenty of that number died.

Let us go on and I doubt not but it will be as rare for a man
to die of a fever as it is now to die of a Toothache. ~ ~ ~

Great care is necessary in regard to nurses for they
often obviate the effects of a Physician by a total neglect
or improper exhibition of the Medicines and diet prescribed.

When patients are in great danger we should only trust

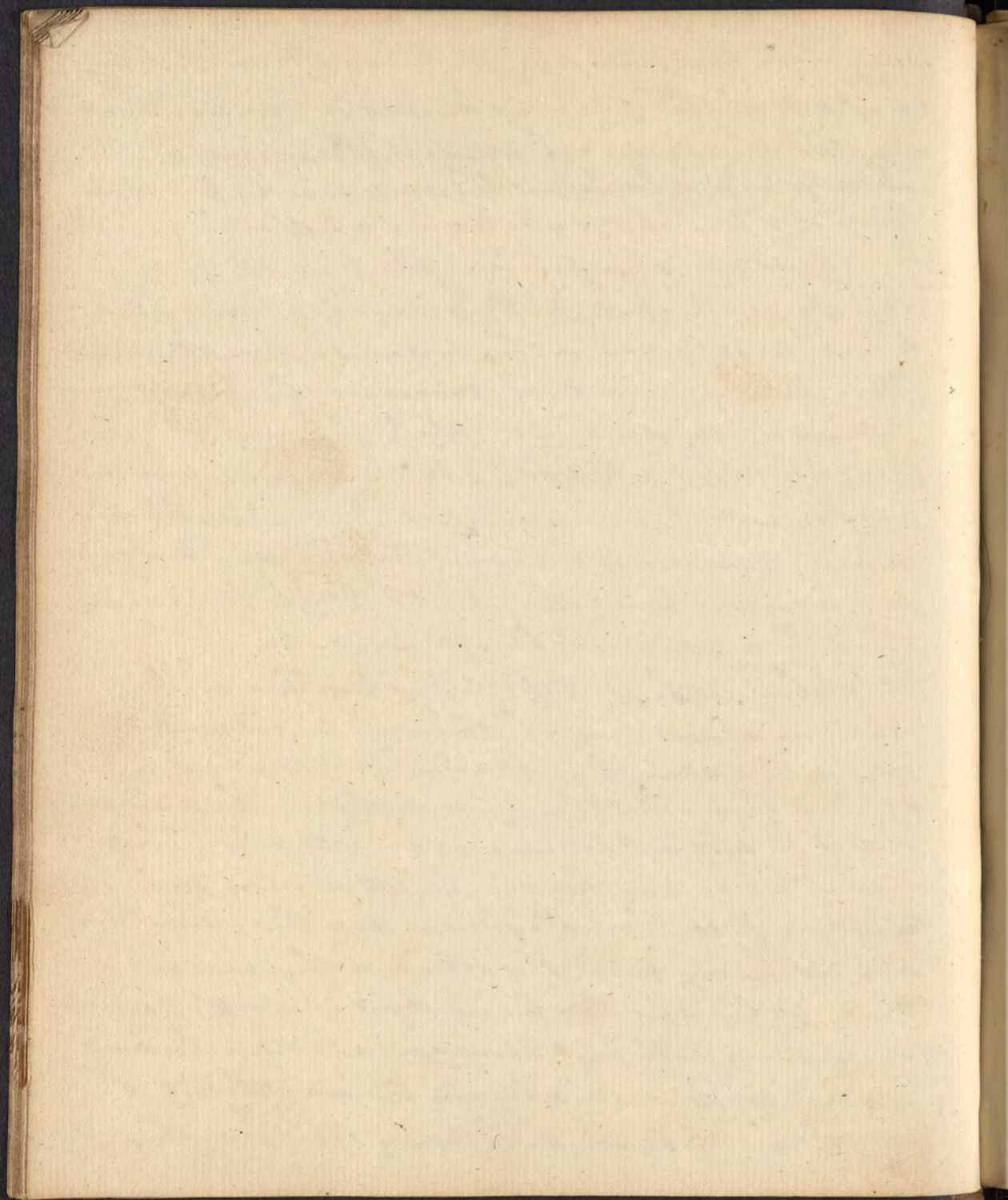
Nurses or attendants of established Characters. ~ ~ ~

Consequences of Fever. are 1.st an increase of growth in
young animals. 2. an increase of fat. 3. it removes Chronic
diseases. 4. sometimes it removes Barrenness. - How does
fever act in producing these effects? It acts by producing
a more extensive base for Stimuli to act upon. ~

Critical Days. It is probable they have been properly
ranked in ancient times, but from the present corrupted
state of the system there is no accurate judgement to be
formed of them. That there are such days in the uncorrupted
state of the system I presume no one will deny. The quo-
tidian, Tertian and Quartan are all original forms of in-
termittent fever. Some Physicians deny that yellow Fever
is an intermittent fever. It is false and there never was a

Fever yet but what had intermissions except the patient
was carried off in the first paroxysm, and they who deny
it must want understanding and Candor. The 1.st 3.rd 5.th 7.th 9.th 11.th are the periods of the Tertian type, from this debility

gives



gives is the Quartan Type and the 14th 17th and 20th are its periods. - However plausible this doctrine may be it has its difficulties, as thousands have crises on noncritical days. However the present mode of treating fevers destroys those days altogether. - My contemporary* at the university of Edinburgh throws aside critical days and substitutes critical periods. - The D^r reasons ingenuously, he accounts for the return and exacerbations from the influence of the Moon; by attending to the Periods of the Moon Doct. *Balfour says his practice is more successful. He gained reputation &c. &c. at the change of the moon he says his patients were always worse. - I am disposed in a great measure to adopt Doct. Balfour's opinion as I have lately been informed by D^r Pinard an intelligent physician that the influence of the Moon is so strictly observed on the river Demara in S. America some thousand miles from the sea shore, that if they were asked to dine out they would always examine the almanac to see on what day the moon fills and changes. If it occurs on those days they would not go as they always look out for an attack of fever.

Prognosis was the business of Physicians when Priests and Physicians were combined. I have been led to believe the doctrine of prognostics half false. The further the pulse deviates from the natural, the worse. Patients seldom recover when the pulse beats 180 strokes in a minute. I once felt a pulse which beat 204 in a minute
in a

Mission

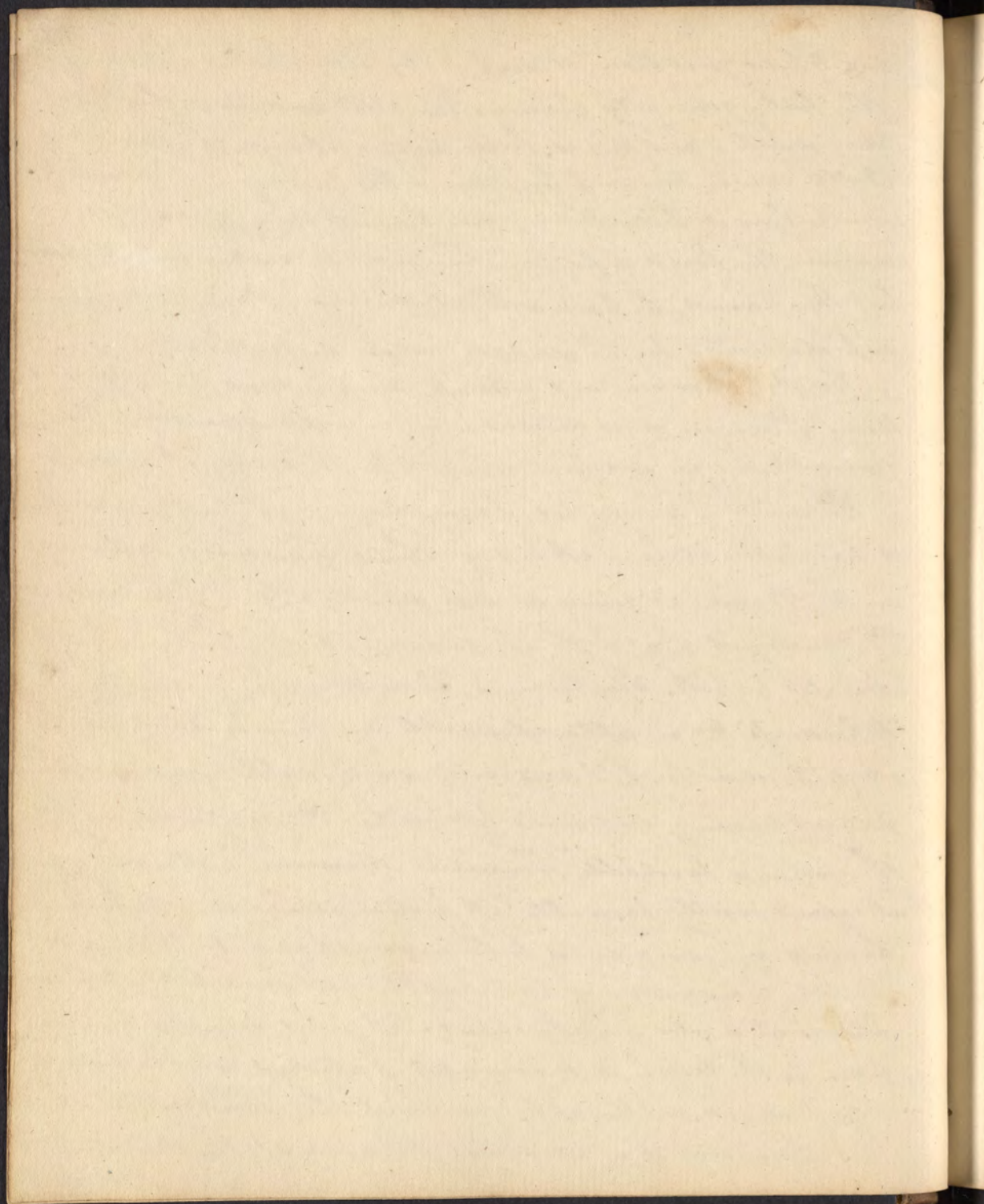


in a Child just born, it acid of Hydrocephalus internus.

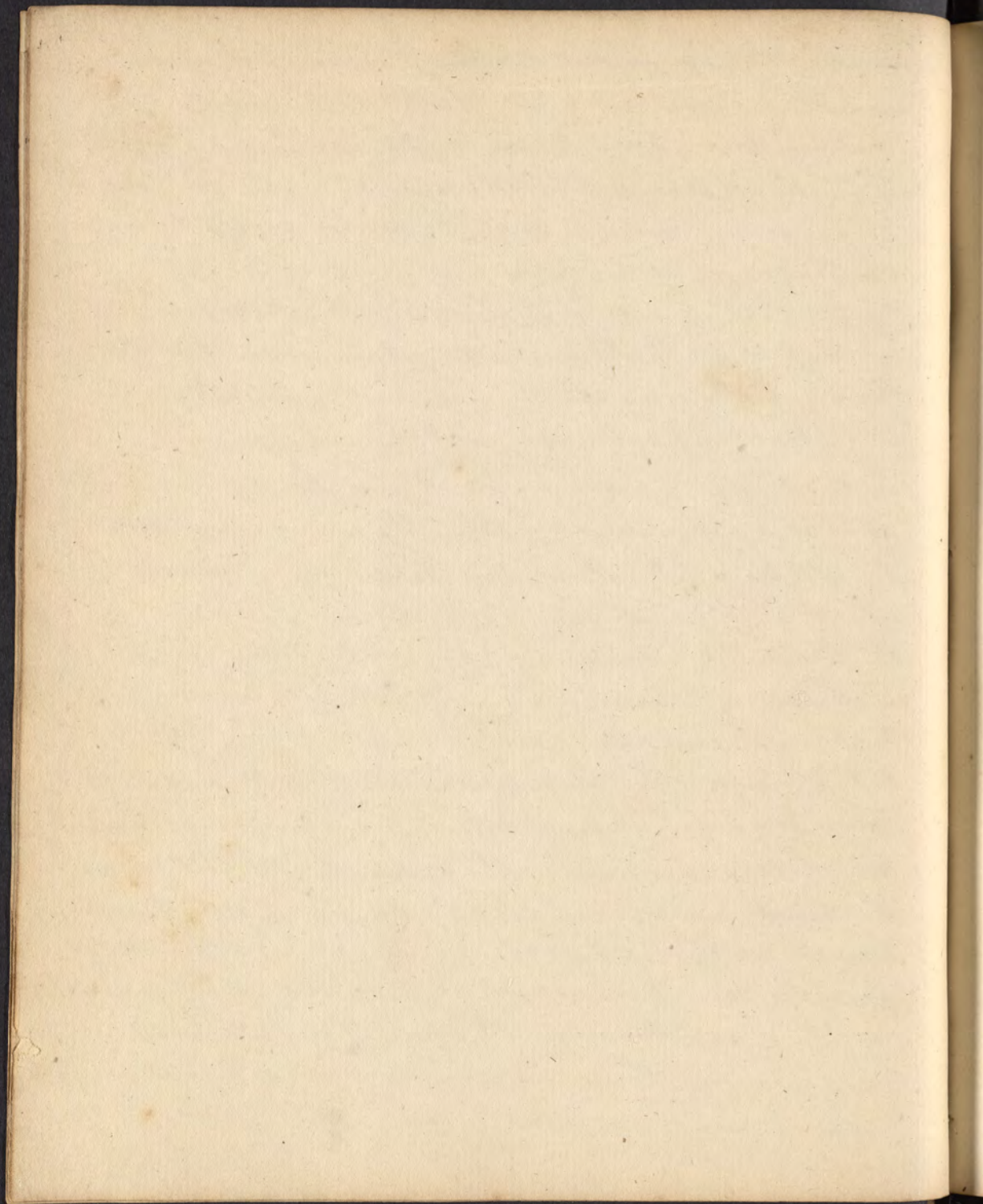
The pulse generally becomes languid and irregular just before death; but this is by no means always the case.

Little can be known from pain in the prognosis of diseases, women bear it better than men because the symptoms sooner run over the point of pain. There may be disease without pain but there cannot be pain without disease. Pain is frequently disproportioned to the danger, as in the Toothache.

Great heat or constant coldness are symptoms of malignant fever. Pain in most diseases is a favorable symptom. 'Tis generally a sign of convalescence from Mania. A coldness of the wrists is dangerous, I never knew one to recover after it had taken place. A red eye shows congestion or inflammation in the Brain. A muddy Eye denotes a fever of malignancy. Preternatural heat of the cheeks and palms of the hands and feet. Dilated pupils, Strabismus, Double vision, Watery Eyes, Blindness &c. are all unfavorable symptoms in acute diseases. A disposition to shed tears easily is a favorable symptom. The patient turning suddenly to view his Physician entering the room is favorable. Tinnitus Aurium is alarming. Deafness mostly favorable. A preternatural acuteness of hearing denotes a crisis to be near at hand, sometimes favorable and sometimes unfavorable. Insensibility to burns, blisters and cold are alarming. A great sensibility of pain to the touch is favorable, I always congratulate my patients on the appearance of this symptom, it shows an extension of excitement. Flushing at the Nose always
favorable.



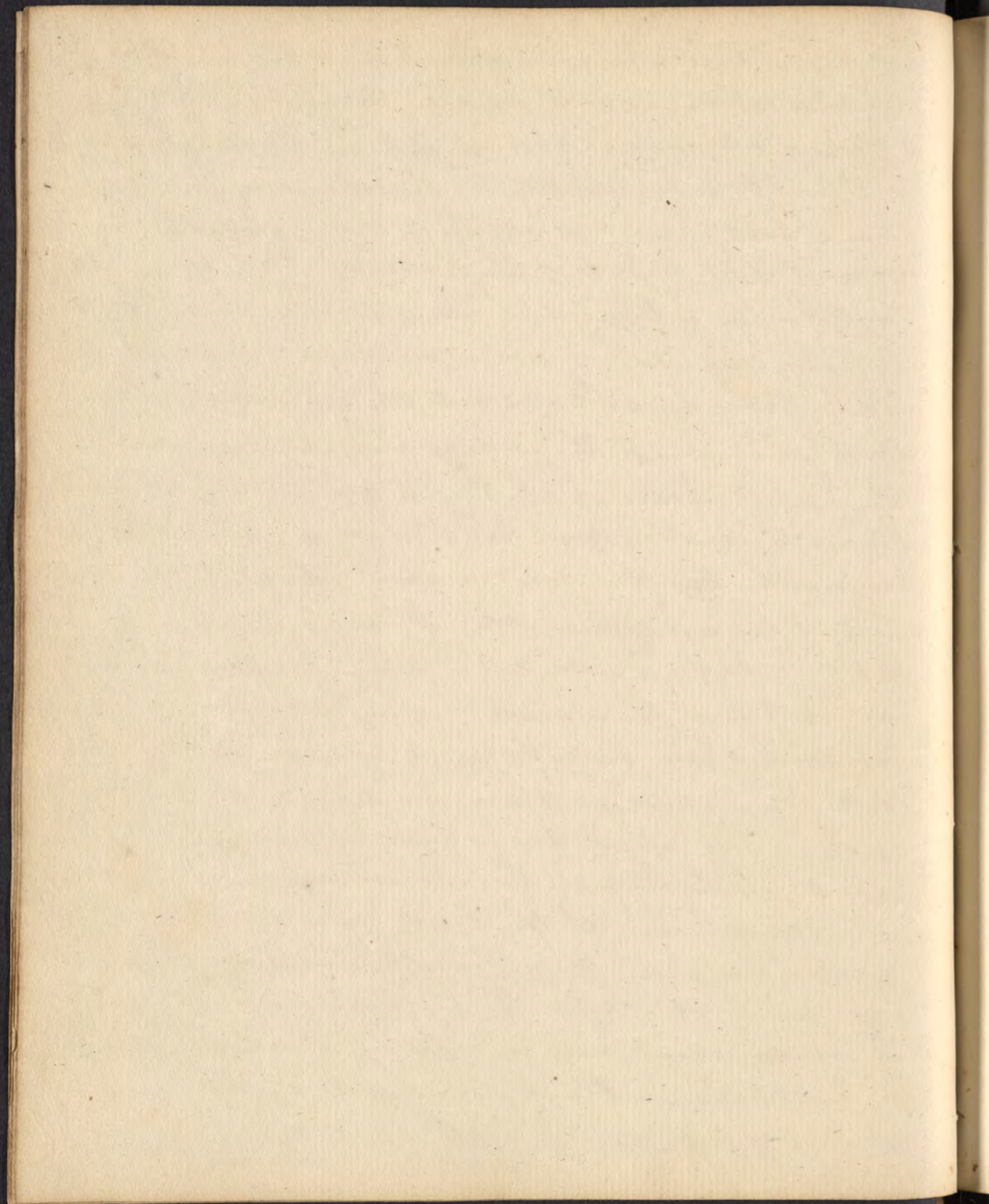
favourable. Acute sense of smelling denotes a crisis rather favourable to be near at hand. A White Tongue denotes a malignant fever. A dry tongue always alarming. A moist Tongue always favourable. A dark colour on the Tongue will sometimes remain some days after recovery. Tumors of the Tongue or an inability to protrude it are bad symptoms. Furred teeth, hanging of the lips and under jaw and grinding of the teeth are all unfavourable symptoms. Yawning, Sneezing and are all favourable. A chilly fit in the close of a Chronic fever is favourable, it shows the breaking of a fever. A quick and sharp voice is alarming if it is not natural. Drawling voice favourable. Loss of Speech bad. Priapism sometimes favourable and sometimes the contrary. Frowning shows an affluxion of the Brain, 'Tis a symptom of great malignity. Resemblance in the face to a patients ancestors is unfavourable. The Hippocratic countenance which may be known by the ghastly look, sharp nose, hollow eyes, sunk temples &c. is always a dangerous occurrence. Alternately quick and slow respiration, hollow sound in breathing, rattling of phlegm in the throat, working of the Shoulders in breathing and expansion of the nose and cheeks are all unfavourable or the back lips so. - Feet drawn up back and sliding down in the bed still worse. Pevishness is favourable, silence and asking for things uncommon are unfavourable, Difficulty and noise in swallowing are bad. Thirst in the last stage



last stage of fever is unfavourable, it shews the last retreat of morbid excitement to the fauces. No thirst in the beginning of Fever is alarming. A return of former habits as a desire for Tobacco &c. is favourable, it shews the return of the association of health. A suppression of Urine shews an engorgement of the vessels of the kidneys. Pale Urine bad. Turbid urine or Urine with sediment more favourable.

Bloody Urine bad. Involuntary discharge of urine bad. — Green and black stools shew morbid Bile. — Stools which corrode the rectum indicate acrid bile, They are all unfavourable, They discover weak bowels. — Absence of smell in stools bad, a return of smell always favourable. Crispitus a good symptom. An involuntary discharge of faeces unfavourable. — Sudor is sweat properly so called Macor is softness of the skin. Hemorrhages more favourable from the Anus &c. After all Gent. you will find there is none but what will deceive. Like General Wolfe your patients will die sometimes in the arms of victory. Two inferences may be drawn from what has been said 1. we should never give our patients over as inevitably in acute diseases. 2. We should never prognosticate the issue of a disease. If you would always say they would die you would be like the Irishman who was sure he would draw a prize in a lottery because he thought he would draw a blank. But to be serious never say you can positively cure a disease, never prognosticate

certainly



certainly the event of a disease, they are equally signs of Quacking; When I have been asked the event of a disease, I have generally evaded by saying, I have seen those who have appeared better die, and those who were apparently worse recover. This tho' it say nothing generally satisfies. —

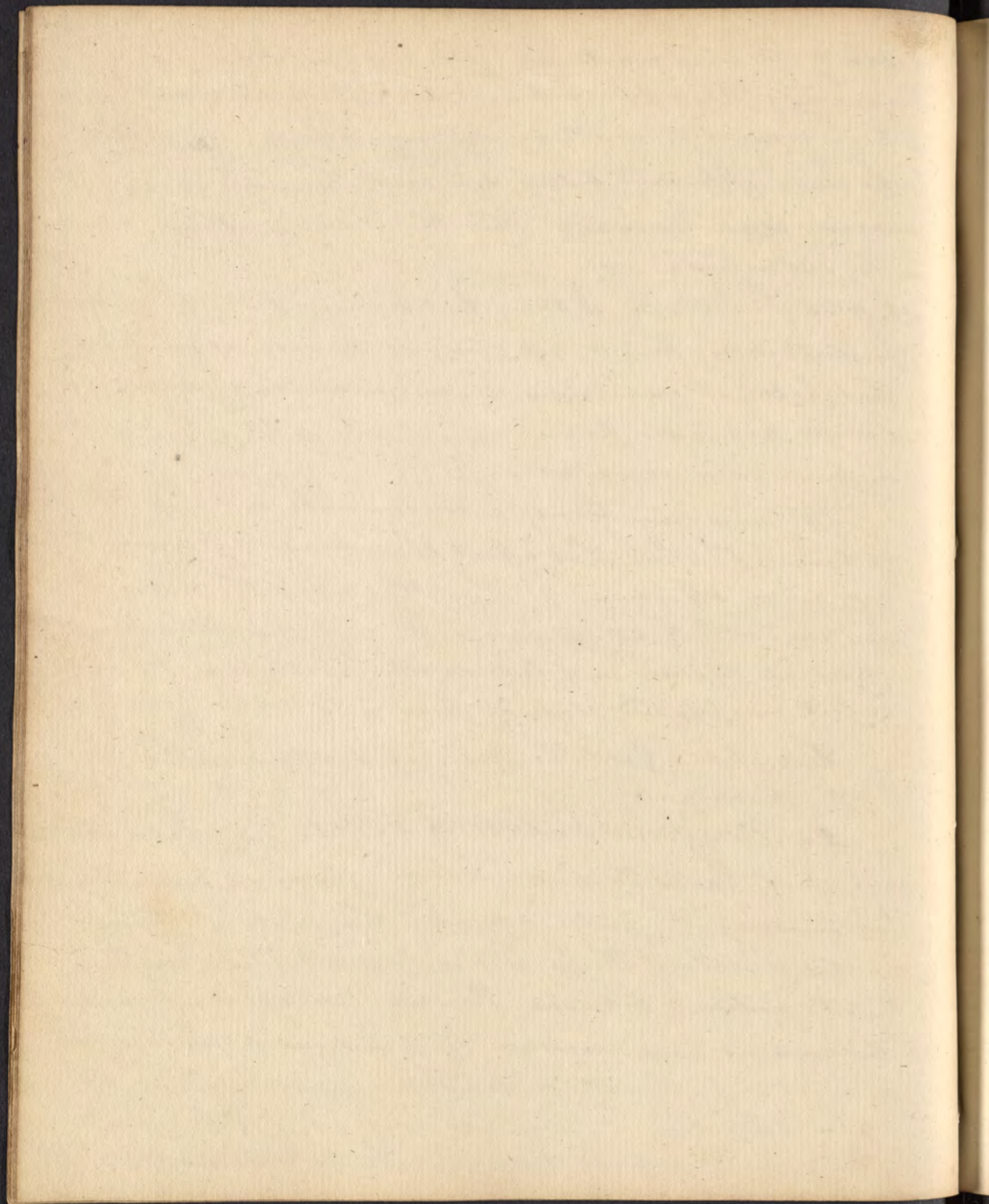
Signs of Death. I know but one sign of death. I mean Putrefaction, this is not always decisive as we know that patients sometimes recover after the cadaverous smell has taken place, which shows that putrefaction in some measure exists.

We now come Gentl to consider the different states of Fever. 1st those that affect the arterial system without any local affection. 2^d those that affect the Arterial System with local affections 3^d such as pass by the Arterial system and fall on other parts. Those I have called misplaced state of fever and

4th such as affect the Arterial system without any local affection. —

I Malignant state of Fever. 'Tis what Dr. Cullen improperly calls Typhus Gravior. A small, depressed, Intermittent, &c. pulse attends this state of Fever. —

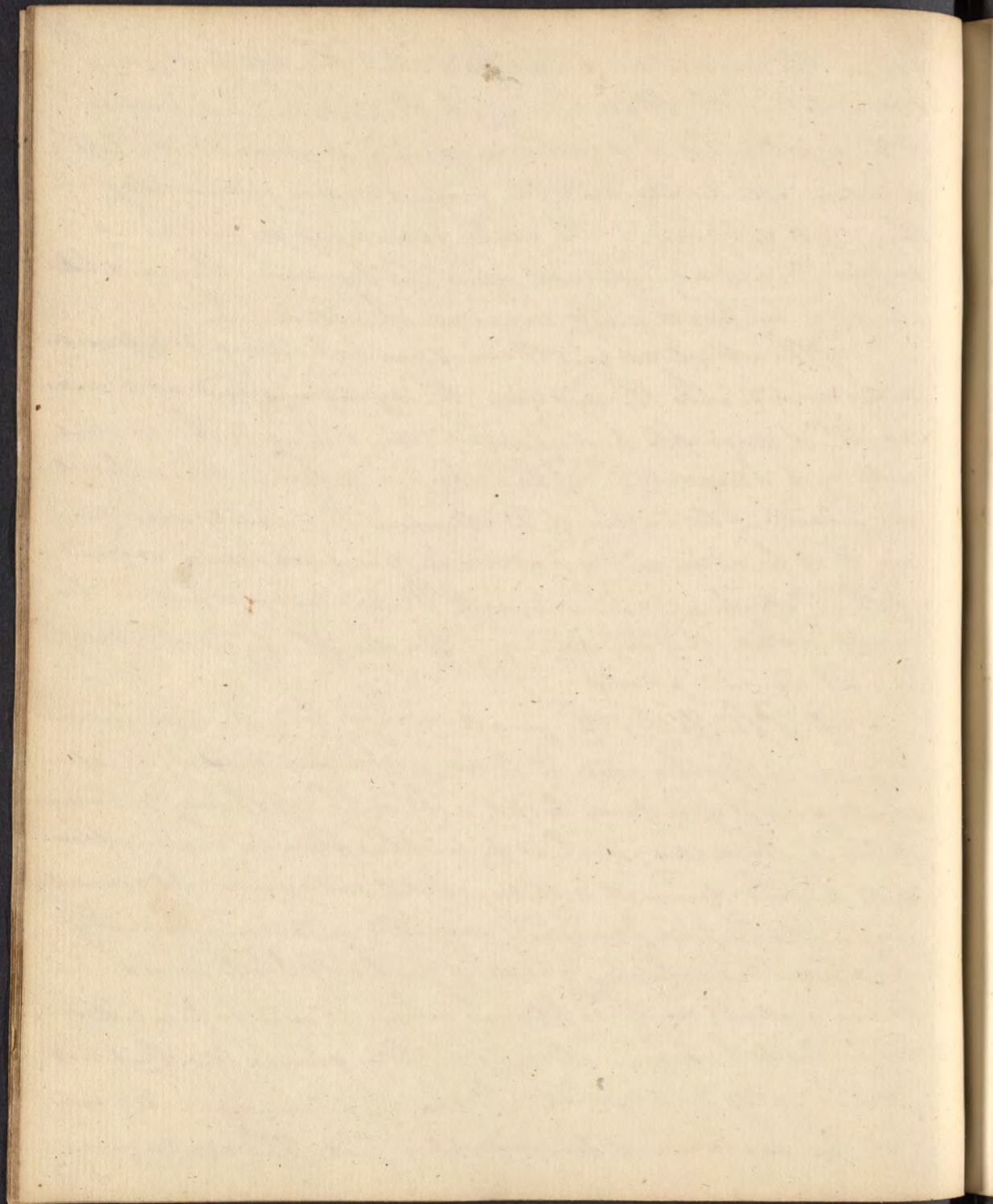
'Tis a state of the highest excitement. 'Tis a disease beyond action: Opium, Poisons, contagion, &c. act in this manner and prostrate the functions of the system so much as frequently to occasion immediate Death. — A weaker action of these stimuli produce a kind of Palsy in the arterial system. In dissections from other



Fevers the arteries are found full, here they are as it were saturated with blood. owing to simultaneous action of the vessels, 'Tis of great consequence to attend to the loss of action externally and the violent action internally in this state of Fever. — The acid excretions do not as is supposed, act as ferments upon the System, they act like caustic in producing increase of action. —

The Malignant Fevers are not owing to a ferment introduced into the system, the symptoms and appearances which resemble putrefaction are owing to the violent action of Stimuli. I have known dissolved blood in Gout and Doct. Alexander of Ballimore has lately informed me that he attended a patient in Gout who died covered with Petechia; and who will pretend to say a putrid ferment was the cause. — Under the head of Malignant fever comes

I Plague. The malignancy here is more unusual than in any other state of fever. — I never saw it, therefore shall give it you from books. — It is the offspring of human effluvia. to distinguish it from the effluvia arising from dead, putrid, Animal and Vegetable substances. It generally originates in poor families crowded into small dirty houses. 'Tis a higher grade of Jail and Ship fevers. — It has declined in those places where it used to prevail since cleanliness has been observed. — It is generally but not Universally contagious. It can be communicated only at the distance of ten or twelve feet. The contagion of it

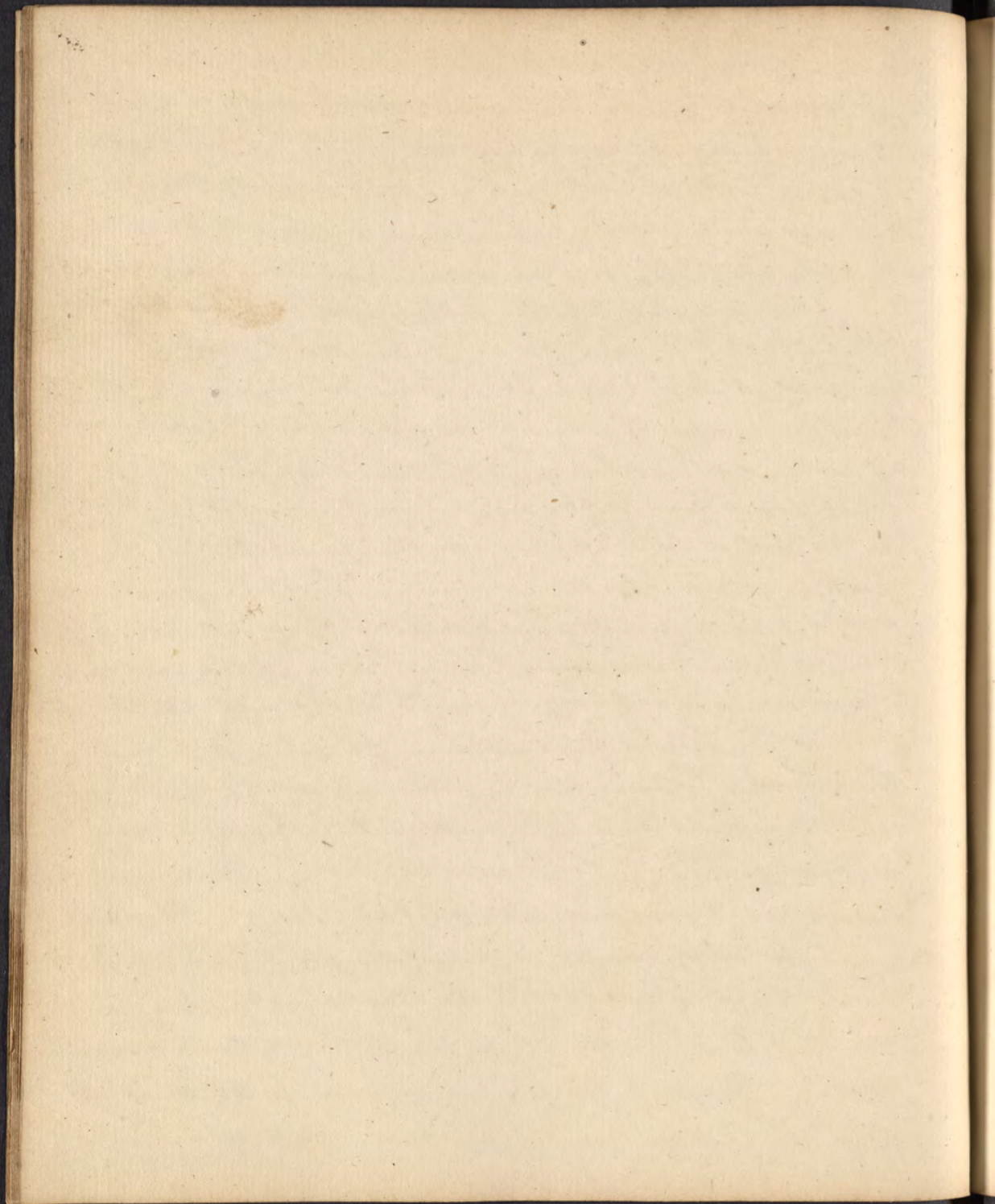


if it attaches itself for months and even years to wool, clothes, Hair, Wood &c. While washing destroys the contagion. Dogs and cats spread the contagion in London - The matter coming in contact with the finger will propagate it. - There was an instance where even a small particle of matter attached to a door communicated the disease.

The plague like the yellow fever requires an inflammatory constitution of the air to render it general or Universal. Moist and cool weather favour the spreading of this fever like other contagious diseases; While & very dry, cold, wet and hot weather destroy the contagion. The disease may be taken two or three times, a proof that like the yellow fever and not like the small Pox it does not depend upon a specific contagion. The disease generally attacks, one, two, or three days after the application of the cause. It sometimes however destroys life suddenly. It requires some exciting cause to put it into action. -

Garlic, Issues &c. have been of service in preventing this disease. Tobacco that pernicious weed has never been found of any service in preventing it. - Inoculating will not prevent further attacks, but it will render the present much milder. Low diet and small bleedings are of essential service in preventing it. An Earthquake has destroyed the contagion of the plague - The plague is a violent fever, it appears in the form of a Quotidian, Tertian, Quartan and continues even to 40 days. It is like the Yellow Fever an epitome of all diseases. -

It has



It has been said that the yellow Fever must depend on a specific contagion because there is most universally a crisis on the third or fifth day; 'Tis not so. not to advance other reasons Dr Pincard has informed me he has seen it spun out for days and weeks together the Plague carries away all other Epidemics. —

CURE. I Bloodletting

II Sweating. Doct. Sydenham was obliged to adopt this method from the prejudices of his patients. —

III Purgings.

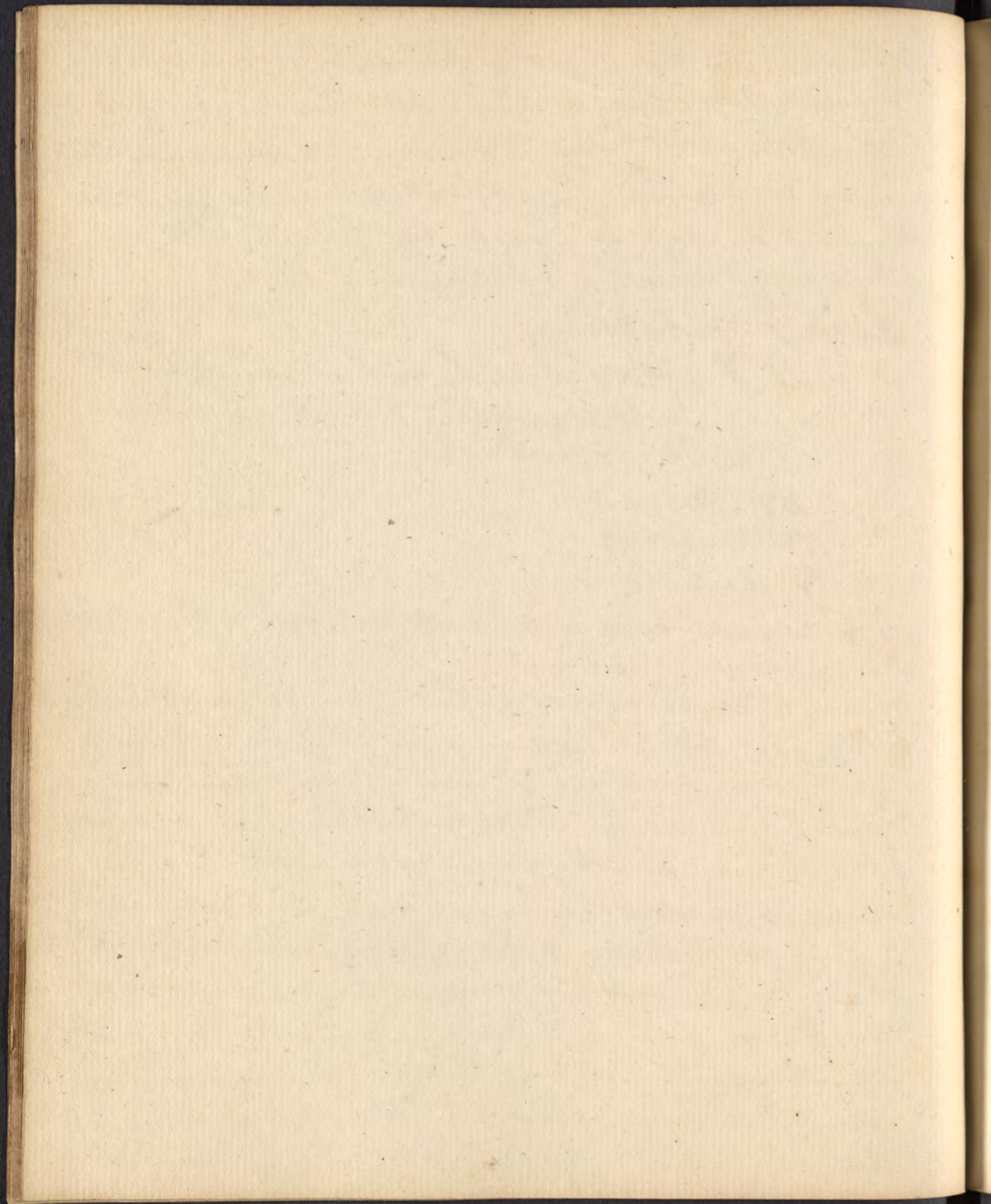
IV Vomiting.

V Salivation.

Cold water, cold air and all remedies which take down excessive excitement.

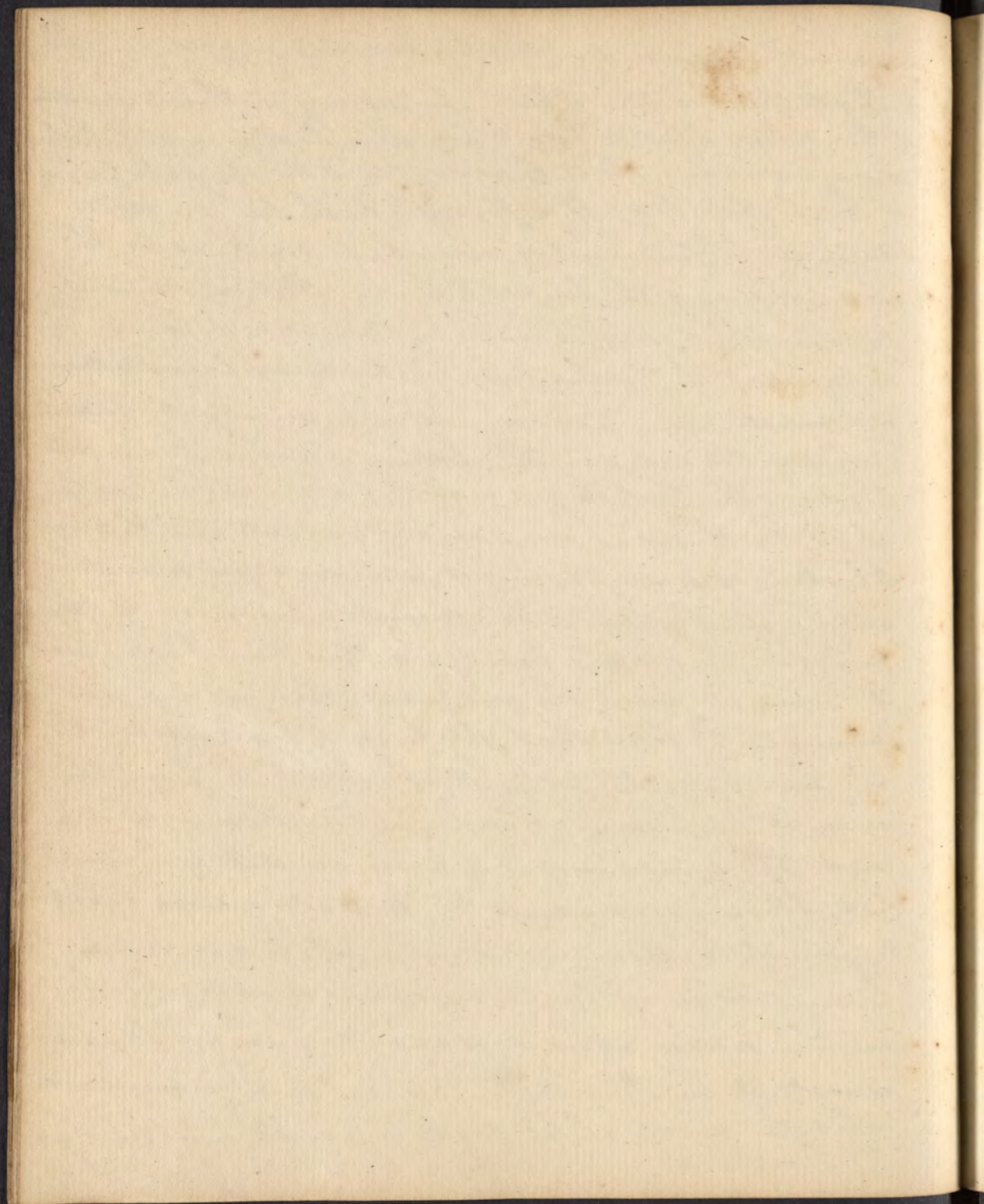
I will only add that it never occurs without producing divisions among the Physicians, some making it an indigenous disease, while others derive it from importation. They might with equal propriety derive it from the planetary System. all the other malignant states of fever are cured by the same remedies.

That malignant state of fever which is brought on by an over dose of Opium, which I shall call an Opium fever is effectually cured by Bloodletting Vomiting and Purgings. This is of immense application to our principles in medicine, it shows the Unity of cause and effect. It shows that we are able to unlock

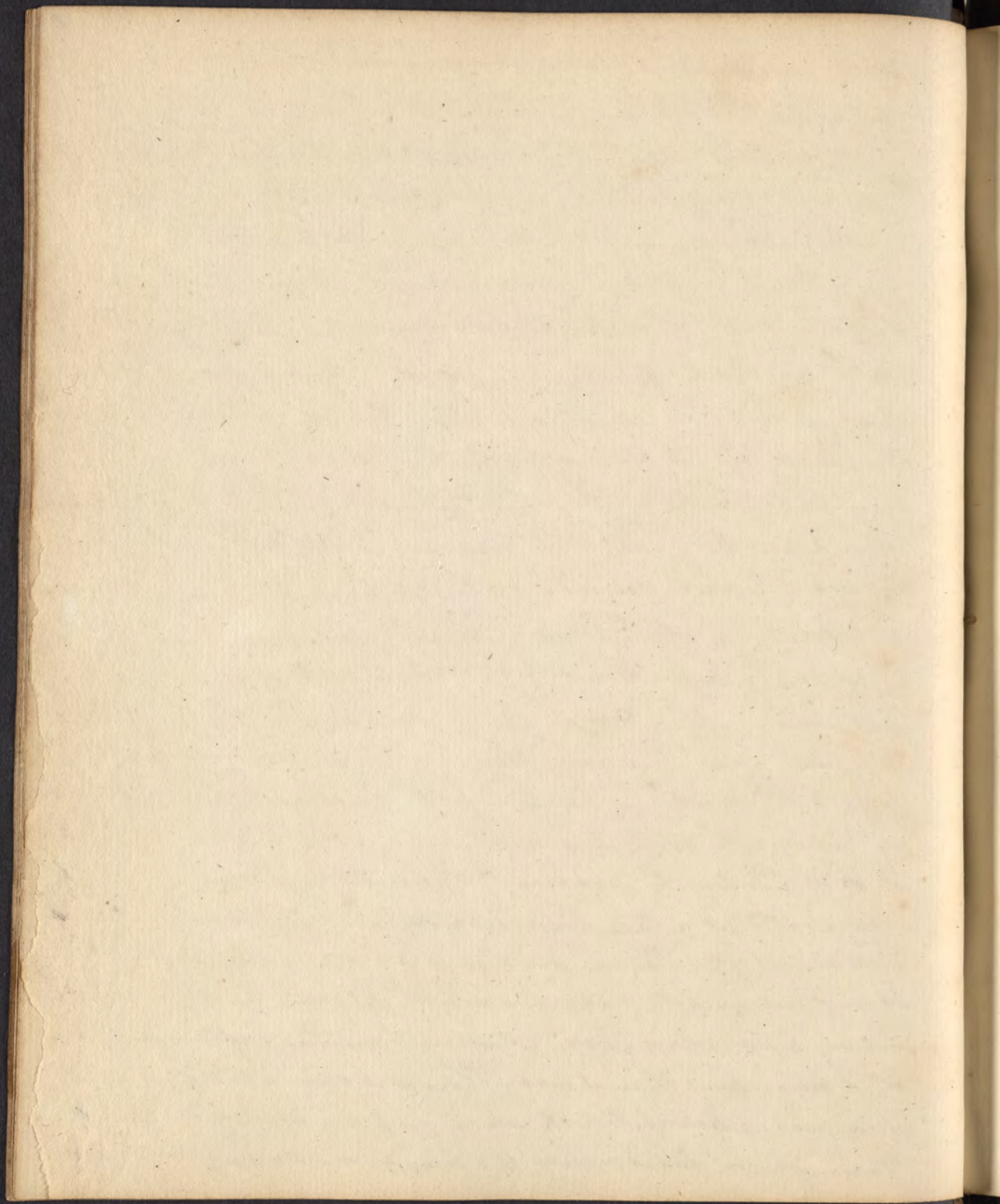


a door with a common key that has been lock for ages. —

2. *Hydrophobic state of Fever.* In entering on the consideration of this disease I feel as David did when he approached Goliath, and my remedies shall be as simple as the sling and stone of the shepherd boy. It is produced by the bite of a rabid animal. Blood must as certainly be drawn as for the inoculation of the Small pox. — Putrid Aliment, famine, thirst, fear, wounds, an association of Ideas, contagion of the Typhus fever. — Hydrocephalus internus as a remote cause acts directly or indirectly by inducing morbid action. The Saliva of rabid animals produces the highest grade of this disease. — It acts upon the throat as some contagions acts upon the Liver. Shaking of water pouring it from one vessel to another, and a sight of water, will all excite a paroxysm of this disease. That it is a fever of a violent kind I infer from 1st from its being the consequence of apoplexy in a rabid animal. 2^d from the highly feverish symptoms as the red eye, headache, inflammatory pulse &c. 3^d from the causes which produce it, as penury of Aliment, contagion &c. The symptoms of it in a dog are dull eye, pinne lock, slavering, madness &c. It also occurs most frequently in those seasons when Epidemic fevers prevail, As an author has accurately observed why should not this disease affect dogs and the human species as well as the Plague &c. 'Tis not more remarkable that this disease should produce a dread of water than that.



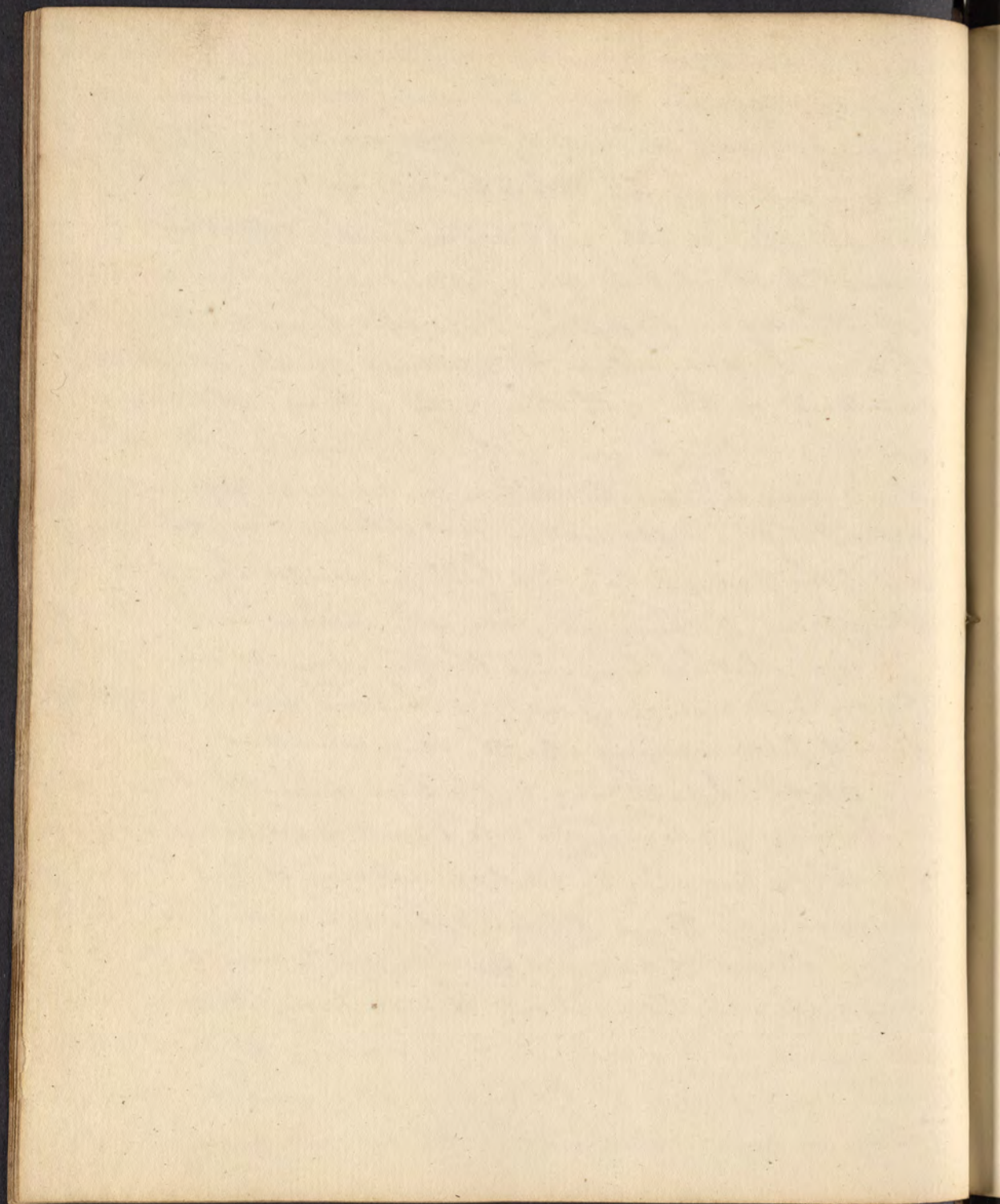
that the causes should in other fevers produce a hatred to aliment, intolerance of light &c. Doct. Trotter has lately published some good observations upon this disease. Formerly when I lectured upon this disease, I said I made no doubt but the time would come when we could have perfect controul over it, I am happy to inform you that, that time has come, for it yields with certainty to our remedies. The symptoms are in every respect similar to other Fevers. - Doct. Fothergill, Boerhaave, and Mead describe this disease as being accompanied with a slow and ^{inter}mitting Pulse, uncommon sensibility &c. Doct. Pleumier in Vol. 6.th of the Med. Essays of Edinb. describe sighing, hiccup, watery Eyes &c. as attending it. Doct. Arnold takes notice of the Sparkling Eye, Vomiting, Watchfulness, convulsions inflammatory fever &c. in his description of this complaint. No symptoms occur here more than in other malignant states of fever. Vid. Doct. Mead's Traug. Differt. In a case which came under my care the pulse was so very tense as to deserve the name of Iron Pulse, he was very low spirited & sighed much &c. I was called at a late hour, took some blood from him which was very sizy, but he died next day in convulsions. It was not until after his death I found he had been bitten by a mad Dog. A more genuine inflammatory fever I never saw than it was. There is a case related in the Med. com. of Edinb. Vol. IX where no fever attended. Doct. Baumgarten takes notice of a priapism attending this disease.



I saw the same symptom in two or three instances which all ended fatally. The body in this as in all other malignant diseases putrefies speedily soon after death. If blood has not been drawn - The blood has also been found fluid in the vessels after death. Morgagni in his dissertation takes notice of a black bile being present in the stomach and Gall bladder. Petechiae have also been observed on the skin. - In some all of the symptoms strictly mark the similarity of this with other states of fever. A patient has died of this disease without a single mark of inflammation; here morbid action went so far as to destroy the patient before inflammation took place. I make no doubt that if the patient had been bled he would have had inflammation. Nothing more occurs here than in other fevers.

From what has been said therefore I must conclude Hydrophobia in every sense of the word to be a malignant state of fever requiring also the same remedies. ~ ~ ~

CURE. In entering on the cure of this disease, we are naturally led to inquire into 1 such medicines as will prevent the disease. 2. such as will cure it. - 1st to prevent the disease the virus if possible should be destroyed 1st by cutting out the part bitten if it possibly can be done two or three hours after the bite. Doct. Wistar I am told prevented the disease by this means. 2^d by washing the part well with some liquid. 3^d by keeping the wound open and running for some months. Doct. Wistar says he prevented two cases



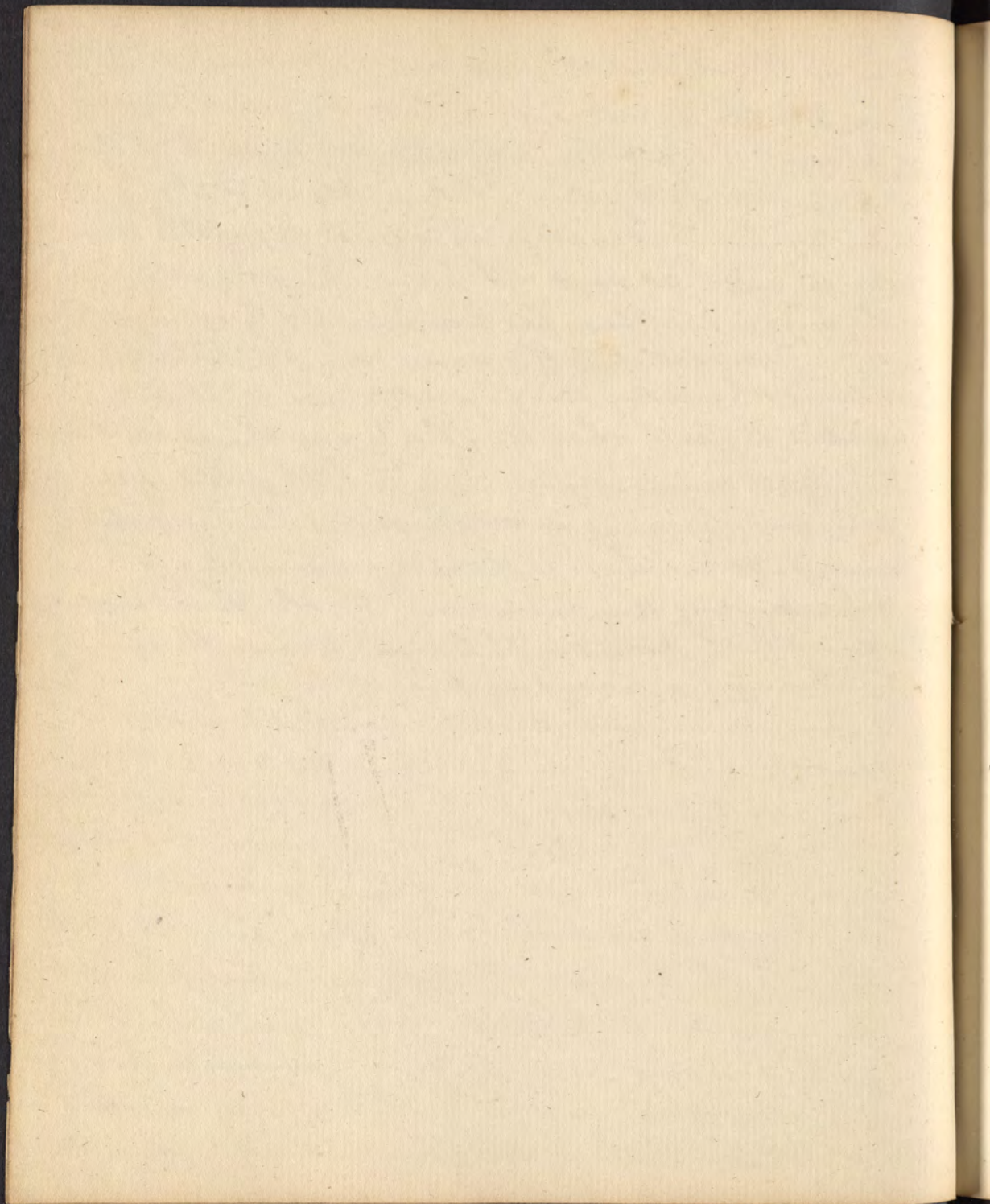
cases by this means. 4th Low diet as recommended in other fevers It is like the willow shrub, bends beneath the action of its cure. I shall here take no notice of the long list of preventatives. They have I believe seldom done any service. The period it commences is from 15 days to 11 months after the bite. 40 days is I believe the general period. — The disease from fear has been prevented by exciting anger. — I am satisfied this disease cannot be communicated without the matter being instilled into the wound, or applied to parts where the skin is very thin as the lips &c. The Blood cannot communicate it. The milk taken from cows labouring under this disease has in several remarkable instances failed of communicating it. —

While attending these preventatives we should not neglect to inspire the patient with hope and to cheer the mind by assuring him of a certain prevention. —

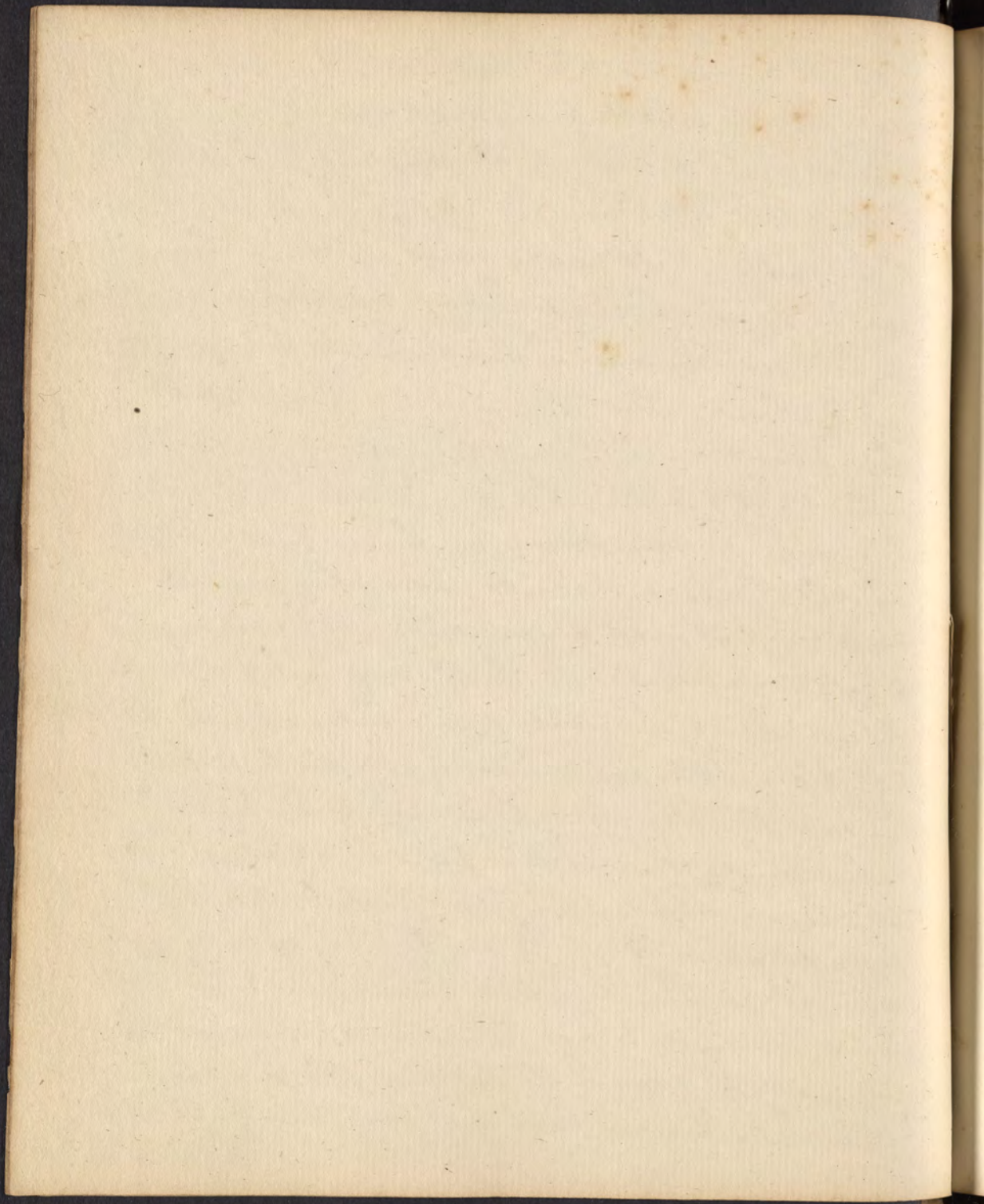
2 Remedies necessary after the disease has formed, are 1st Bloodletting. Every thing conspires to prove its utility. From 100 to 200 Ounces will be necessary in most cases.

The friends of a Girl who was labouring under madness, urging the necessity of carrying her to an Hospital, she affrighted attempted to run down stairs, but fell and divided the temporal Artery, from which there issued an immense quantity of blood which caused a perfect recovery and she never afterwards had any symptoms of the disease. — There is a case recorded in the Philosophical transactions of London where the

Cof



loss of 160 ounces cured the patient. There is also a case
 related in the Edinb. Med. Essays. Vol. by Doct.
 Emies which yielded to bloodletting. When blood
 letting has not been used. it has in no instance
 been cured. - It has in every instance been mit-
 igated by the Lancet. Doct. Con informed me that
 he had seen the disease much relieved by bloodletting
 in St. Thomas Hospital, London, and had the remedy
 been persisted in he believed the patient would have been
 cured. - All the other remedies that are necessary
 to remove morbid action are here to be attended to as
 in other Fevers, except cold water which in almost
 every form should be excluded. A Gentleman from
 England informed me he had cured a Dog of this disease
 by cutting off his tail, from which a copious discharge
 took place, also another Dog was cured by cutting off
 his ears. You are not to be deterred from bleeding if your
 patient grows worse after it for several bleedings.
 Bleed on. - After sufficient evacuations Tonics should
 be employed as Bark, Wine, Opium, nourishing acids &c.
 and perhaps the cold bath. You see now that Hydroph-
 obia according to my principle is a fever and I have
 accordingly given it the name of the Hydrophobic state
 of Fever. Disease Gent, is as much an Unit as the
 Body &

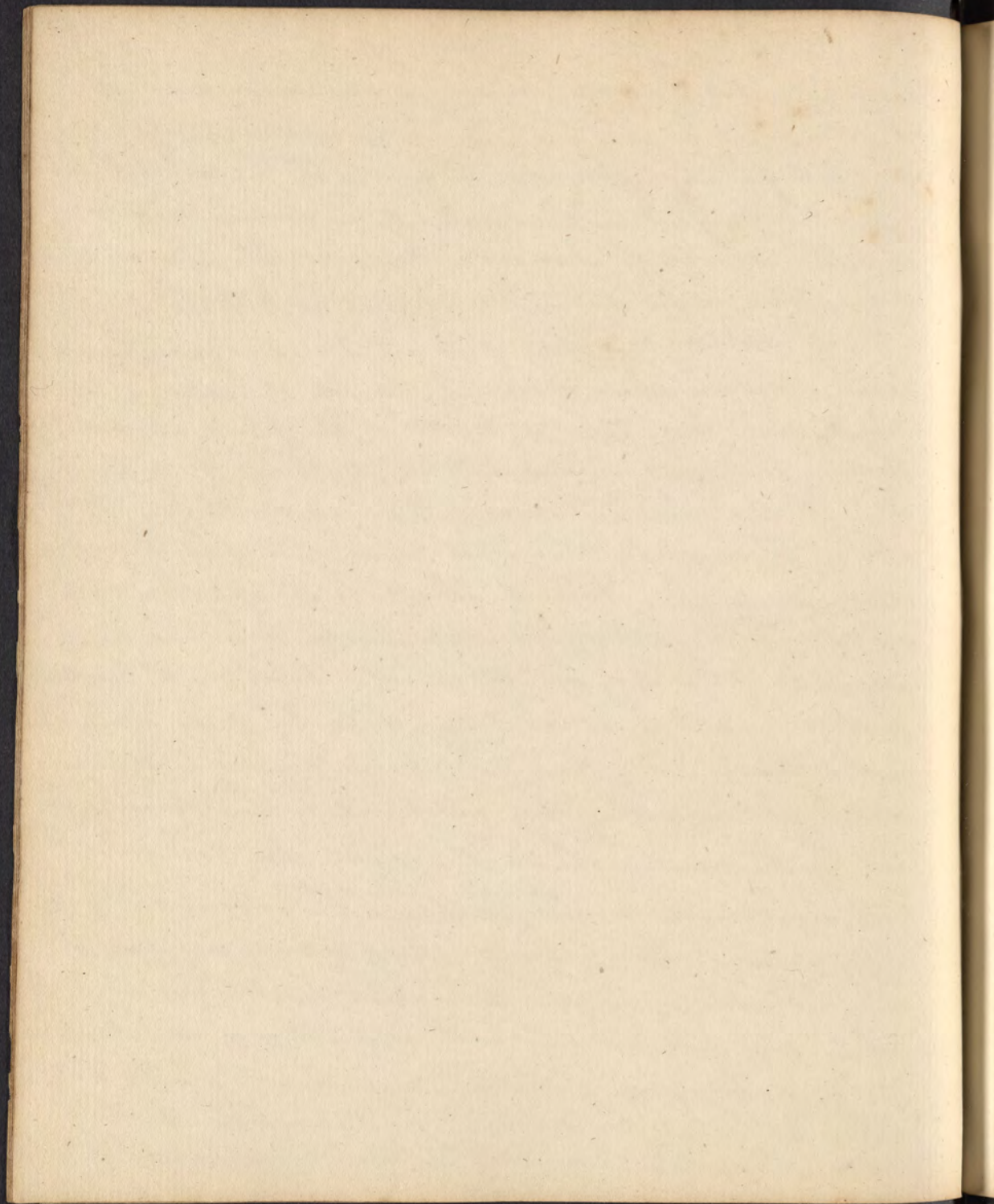


Body and mind of man. This disease when arising from other causes is to be treated according to the causes and effects, - remembering always to keep an eye to the pulse. I cannot leave this subject without earnestly recommending you to do homage to the Lancet. "Venerate the plough said an ancient writer and I say "Venerate the Lancet."

4 Gangrenous state of Fever. I call it gangrenous because it is the effect of violent Stimuli operating upon the system. Vide Tom. 4. - Cure of this I have already treated. Remedies are Bark, Wine and Opium &c. to be effectual, they should be given in large doses both by the mouth and in Glysters. In this state medicines often have no effect internally. - Stimuli should be attentively used externally - The Power of mustard and caustic deserve particular attention. There is frequently an infusibility on the surface of the skin and the excitability is particularly determined to the Stomach and Bowels. Death begins to appear on the surface of the Body and travels to the internal parts and thereby dissolves the whole system. In these cases the most powerful stimuli ^{should be applied speedily}, rubbing the body with mustard, Arsenic and applying boiling water, a hot iron, or even hot coals of fire should be used. In using them (Gent.) I hope you will not meet with such obloquy as I have -

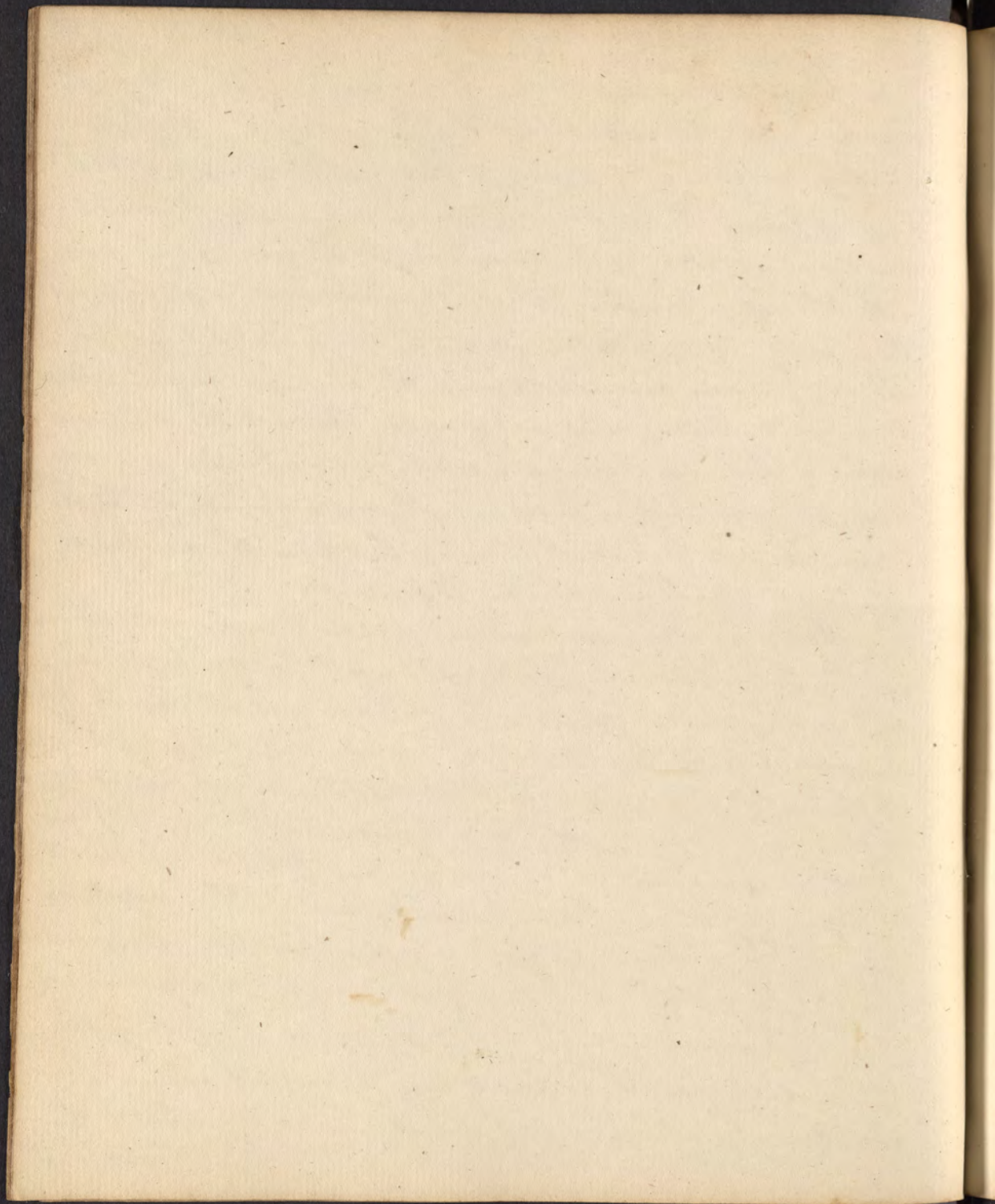
5 Synocha state of Fever, Hallucinations with chills and pains in the head, bones, side &c. Inelucous Pleurisy &c. - All the remedies formerly laid down will apply here. -

6. Bilious



6.th Bilious state of Fever, It is produced by the action of marsh miasmata which acts particularly on the bilious system. I refer you (Gent.) to my publications. All the bilious fevers from the mildest intermittents to the most malignant state of Yellow Fever is produced from one and the same cause. The contagious nature of bilious fever is by no means confined to the yellow fever for under certain circumstances the common intermittent fever will be rendered contagious. That all the different states of bilious fevers are contagious, I infer not only from my own observation and that of a number of Physicians through the United States, but from the authority of Doct.^r Eleghorne, Clarke, Branin &c. —

I can conceive that certain circumstances would render a pleurisy contagious, I don't say it would produce a pleurisy but it would excite a fever. The bilious Yellow Fever is by no means an imported disease; to assert that it is as the College of Physicians of Philadelphia did, is not only absurd and ridiculous but is highly dangerous. It prevailed in every part of the Union from Boston to Savannah. I frequently blush (Gent.) to think I am a Philadelphian. The remote causes of the bilious Yellow Fever act upon every part of the system, but have a particular determination to the Stomach and Liver. It affects the liver 1.st by increase in secretion, 2.^d by producing a morbid action in secretion. 3.^d by destroying secretion all together. — The
yellowfever



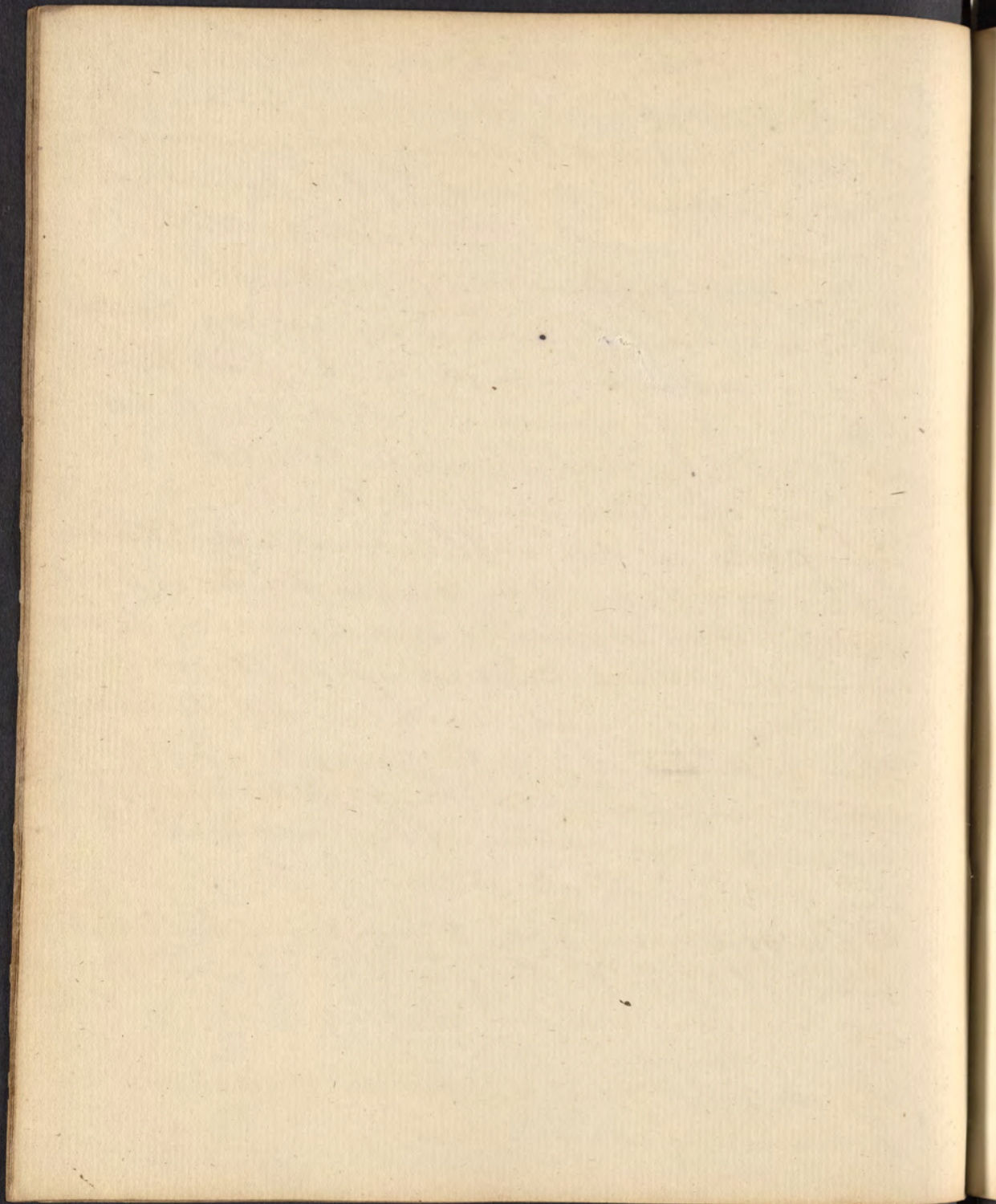
yellowness in the skin in the first grade of this fever is frequently owing to an absorption of the bile sometimes to a new aggregation of the Blood. it is however a fugitive symptom appearing and disappearing frequently with the paroxysms. The worst cases come on without pain or chilly fit. For the black vomiting Doct. Wright considers cayenne pepper grs in cold up in a piece of bread as a certain remedy. 'Tis a most distressing symptom 'Tis a morbid discharge and sloughing of the coats of the stomach after the death of that Organ and when it takes place I believe the patient never recovers. Wine and other Stimulants may be proper.

7th Typhus state of Fever. I have treated fully of the cause when treating of the cure of fevers in general. 'Tis known by symptoms of direct debility, a weak low pulse &c. It often succeeds the yellow fever and always the plague.

Remember that a synocha state of fever will often take place in the ^{advanced} stage of this fever, attend to it! Gout! and bleed your patients. (See Tom. 4) It has been called improperly a nervous Fever. I have adopted the low state of fever from Dr. Butler. —

8 Typhoid state of fever. It is composed of Synocha and Typhus. 'Tis the slow state of fever of Doct. Butler. It occurs in certain states of Puerperal fever &c. It may be prevented by evacuations. —

9 Synochal state of Fever. (See N. 10) It differs from other fevers in an irregularity of Paroxysms. It occurs in Gout, consumption &c. 'tis hard to cure, the remedies must be varied



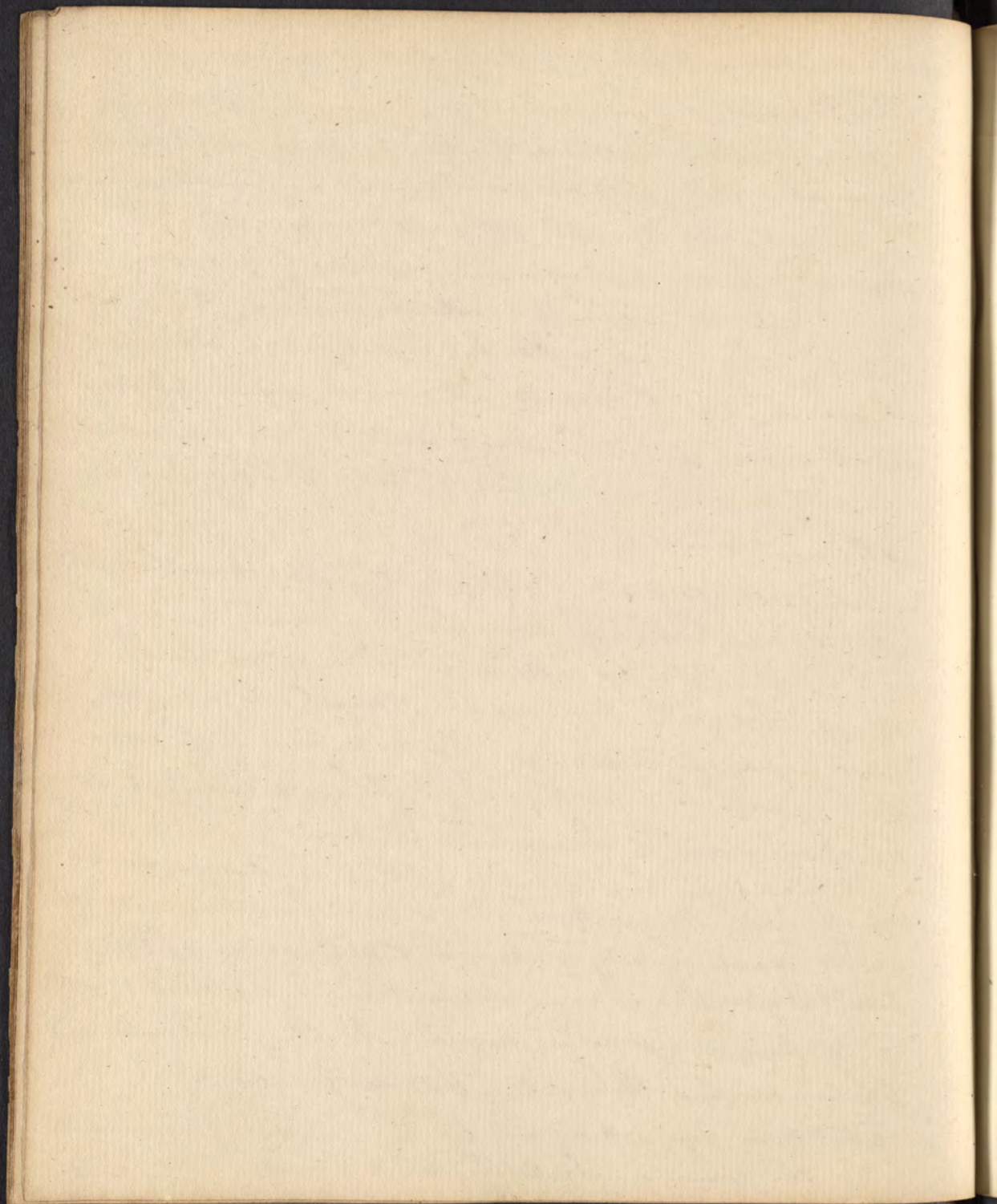
varied according to the state of the pulse. *bid.* Vol. 4. —

10 *Hectic* state of Fever / *vide* N.º 9. / Pulse small, tense, quick & occurs in Rheumatism &c. Remedies are as certain as in Synocha. Bleeding moderately and frequently, purging with Antimony &c. will certainly answer

11 Inward Fever, accompanied with, dry tongue, warm hands quick pulse &c. 'Tis the *febricula* of Authors. Patients labouring under it are not so bad but they can transact their ordinary business. A greater degree of Stimulus would excite an intermittent, still greater a remittent. Remedies are Emetics, Bark, and in some instances Blisters. *bid.* Vol. 4. th —

12. Intermittent state of Fever, they attack with a chilly fit. and appear in the form of a *tertian*, *tertian* or *Quartan*. When no chill appears 'tis called the *dumb Ague*. They are but one disease. Marsh Miasmata most frequently produce it. For the reasons of the occurrence of the paroxysms see pathology. I have ascribed it to an association of Ideas and motions. —

To moderate the paroxysms — There is always great debility in the Stomach, heat of a bed should be recommended, warm drinks as punch &c. *Sassafras* I have found of essential service. Intermittent fevers appear sometimes in the form of *septicæmia*, Coma, *Apoplexy*, *Convulsions*, *Cholera morbus*, *Trachea* — *Odontalgia*. — *Oalgia* &c. All these are removed by the remedies recommended in the common Intermittent. —



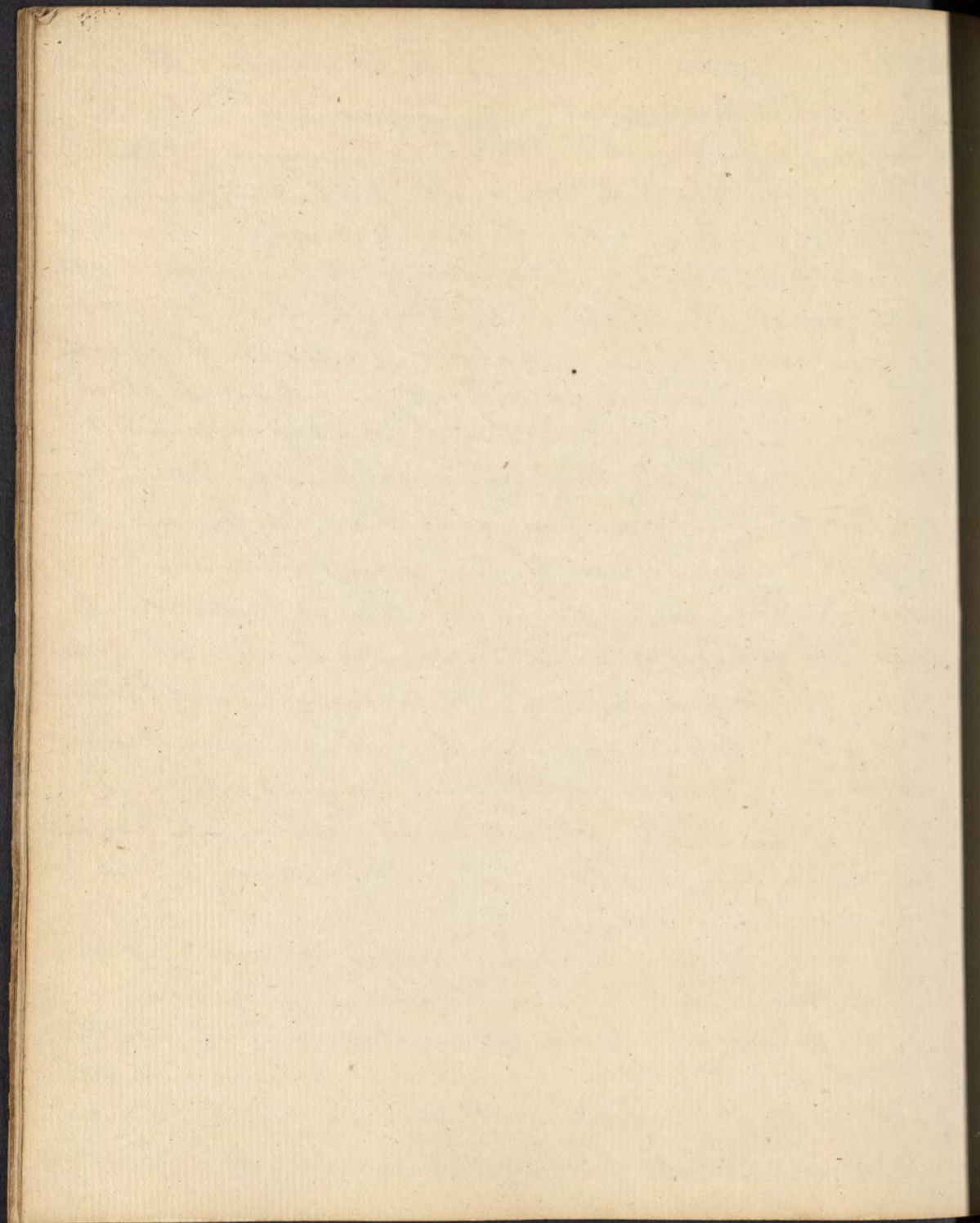
To prevent a return of the paroxysms by removing the debility there are first palliatives. 1 Laudanum, 2 Stramonium or tobacco leaves wound round the wrists, 3 Tonics, Poplar or willow bark, Album &c. 4 Spiders juice or web. 5 Sweating before the fire. 6 Riding on horseback. 7 Terror. 8 Cold bath. 9 Lightning. 10 Tournefort applied round the thighs. It shortens the thighs and increases circulation. Second Radical T^h Bark.

This is composed of an astringent and a bitter. It should be given in large doses when the debility is greatest, that is just before the paroxysms; Half an Ounce given at this time will do more good than two Ounces at any other time. After the paroxysms are removed you should continue it now and then at particular periods. The changes of the moon should be attended to.

When the bark fails it should be combined with Cloves, Wine &c. Arsenic and Zinc have been used. Mercury so far as to produce salivation was first used by Doct.

Bond of this City. — I have had no occasion for a substitute for the bark since I bled more. — When the bark fails it must be owing to the injudicious manner of using it. — It is either given in too large or too small doses or at improper times. Keep in view the state of the system. —

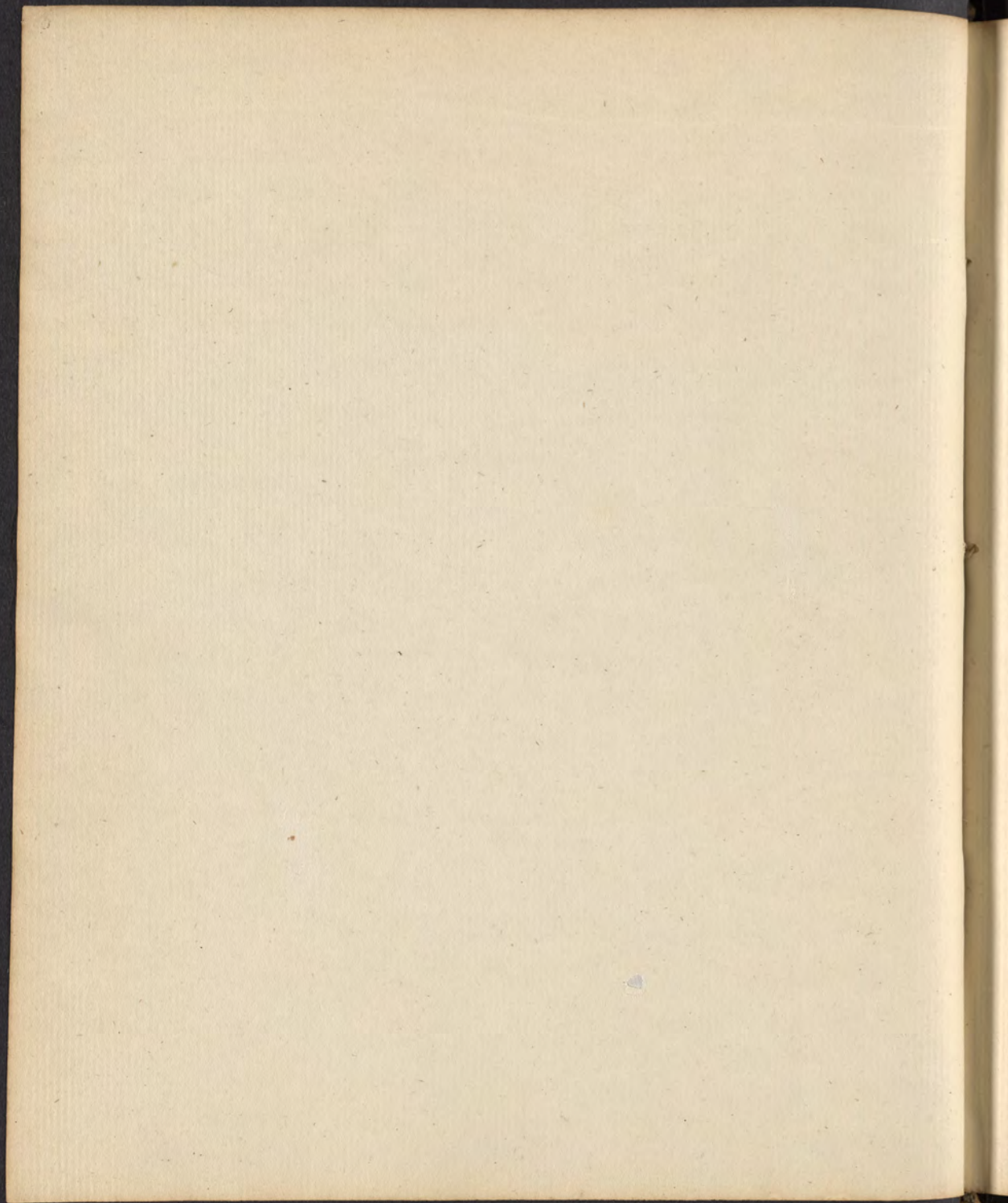
Are Vomits or purges necessary to precede the use of the Bark? When there is a foul stomach one or the other should be used. A purge of Calomel & Jalap I believe will answer all the ends of an Emetic. When the system



is low, Bark may be administered without the previous use of an emetic or cathartic. Doct. Claypole of N. Car. olina informed me, he has seen the intermitting fever alternate with Gonorrhoea. Obstructions are frequently the consequences of intermittents. Calomel in small doses will remove them, purging is improper on account of the debility which is generally present. - An intermittent was occasioned by a decayed tooth, which continued a great length of time until the tooth was extracted. The common dose of Bark is $\mathfrak{z}\text{ss}$ every two hours during the intermission.

13 Sweating state of Fever. This occurs in Plague, Mania, Small pox &c. The celebrated sweating sickness of England was nothing more than a symptom of Plague. Sweats in all fevers are the effects of morbid action, concentrated in the capillary vessels. The cure must be attempted by bloodletting. I have frequently met with it in the Yellow fever, and as frequently removed it by the Lancet. A full, tense, and chorded pulse attends. The patients and their friends and Parents will object to your bleeding for this reason, they think the sweating critical, but it is entirely different from the common sweat in fever, as this sweating state occurs in the beginning of fever. -

14 Fainting state of Fever. It occurs in the Yellow fever &c. - Bleeding will remove it. The fainting is by no means an objection to it here, so different from it that it destroys the disposition to faint. -



15 Bursting state of fever, This is either general or partial. I have most frequently observed it to be partial. The blood in this state partakes of a general great heat. —

Cure bloodletting seldom fails in reducing this heat as it does not always appear to depend on action in the arterial system.

16 Cold and Chilly state of Fever, This is partial or general. It occurs frequently in the Typhoid state of Fever. In Yellow fever I have seen it remain five or six days while there was the most violent action in the system —

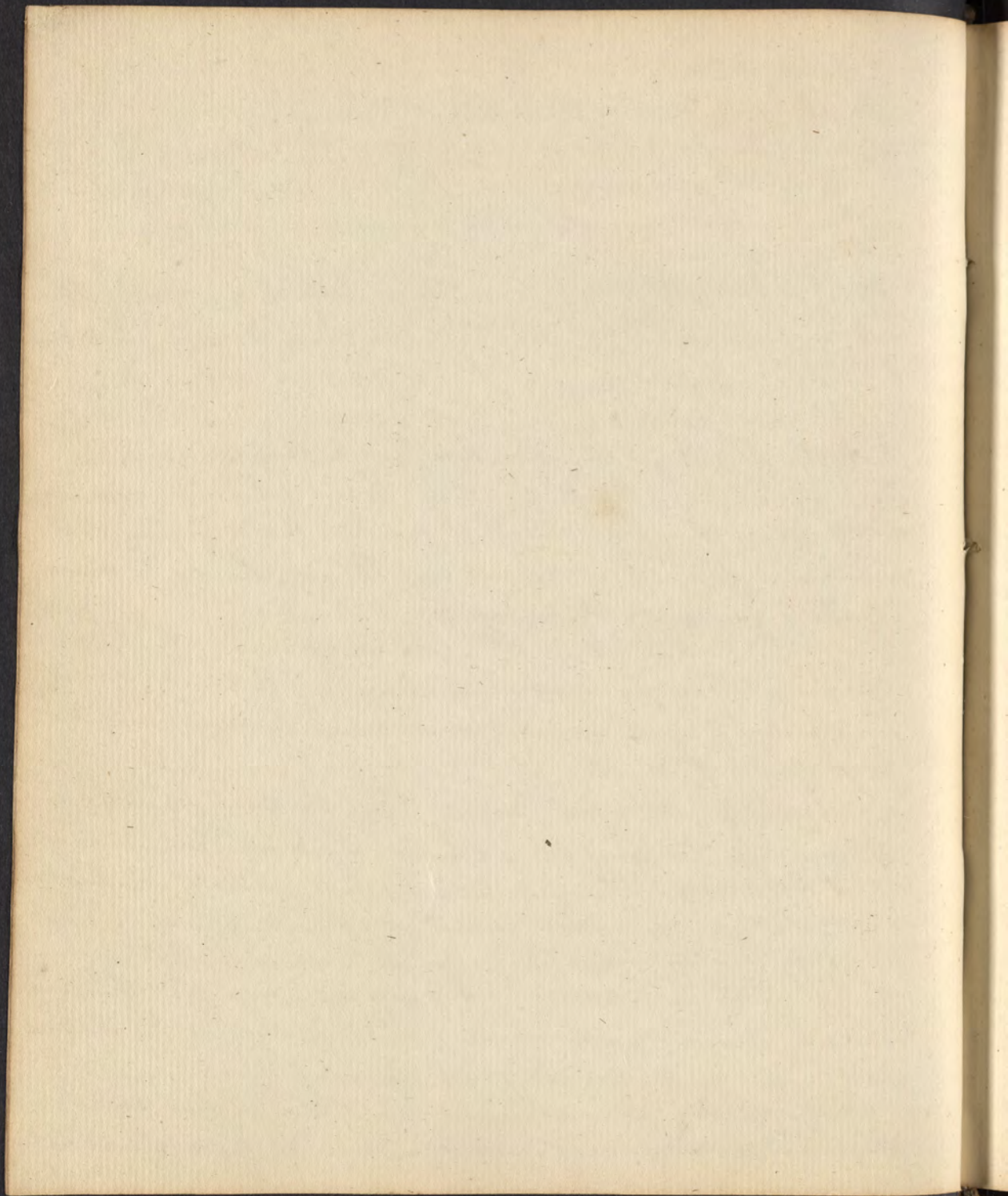
Cure. It yields to the warm bath, and to bloodletting. It has been common to forbid the use of the Lancet here, on account of the collapse being a symptom of debility, but it is owing to a violently depressed state of the system. Blood should be drawn frequently and in small quantities.

Those which affect the Arterial system with local affections. These local affections are owing to local debility being induced with increased excitability by an increased irregular action.

Intestinal state of Fever. These include 1 Cholera, 2 Dysentery, 3 Diarrhoea, 4 Cholici. They are the Petus intravasa.

1 Cholera. I have suspected it to be a fever of the highest grade of the bilious state, turned in upon the bowels and carried off by nature while Diarrhoea is a common bilious fever thrown upon the intestines. It is not necessary that Cholera should be attended with vomiting and purging. for I have seen more violent cases attended with purging alone. —

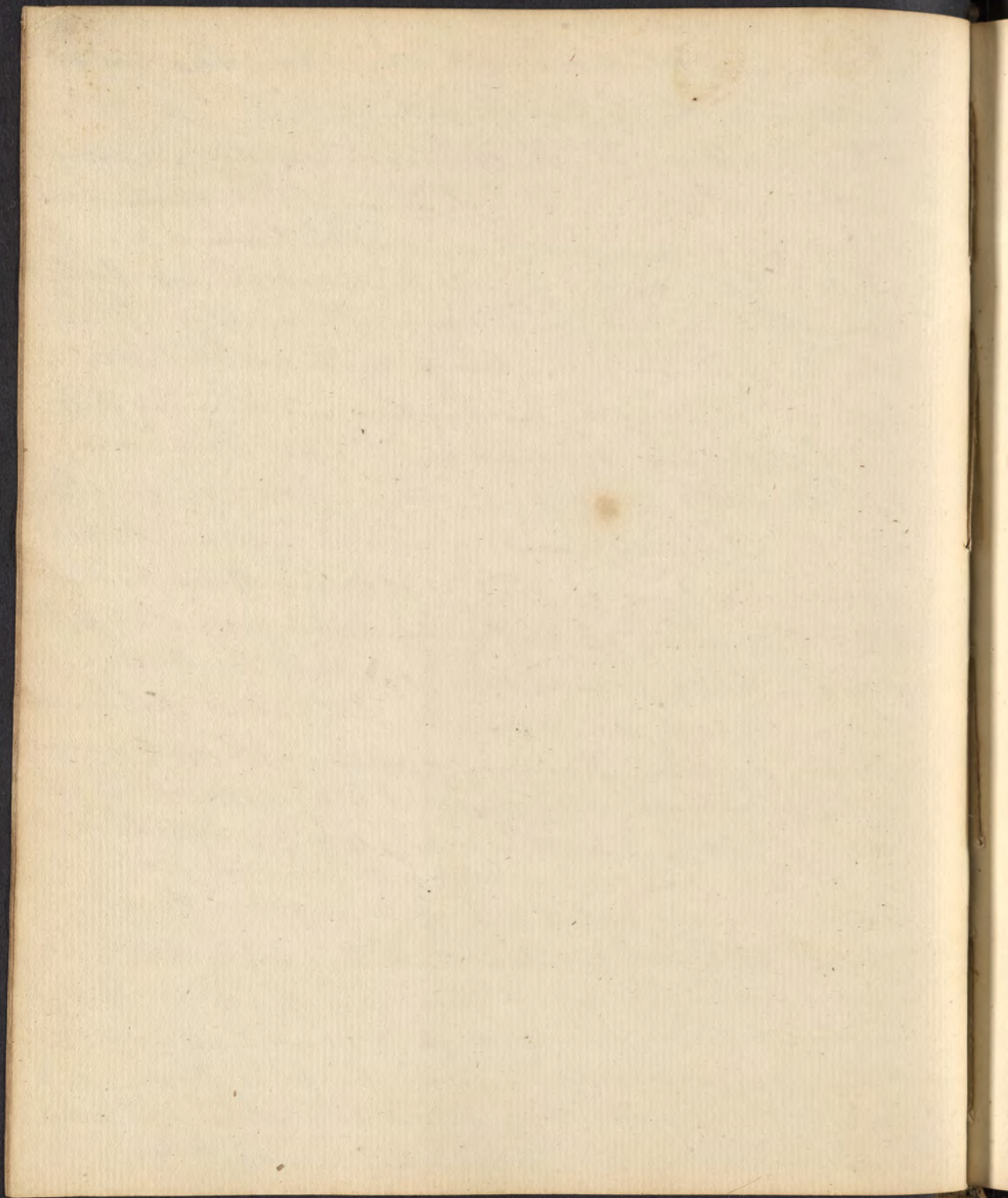
Cure, Cholera seldom requires more than a few drops of Liquid Laurocassum. I have seen several cases however which



which required Bloodletting and where I have bled two or three times with the best effects -

2. Dysentery. It is the offspring of miasmata & contagion. It occurs most frequently in high situations. It is remarkable that an intermittent will prevail at the bottom or side of a hill while a dysentery will prevail at the top, both evidently owing to the same cause. The dysentery prevails upon the high situations because of the cool temperature of the air, checking the perspiration and throwing it in upon the intestines. It occurs in the fruit season owing to the low vapors of fruit inducing debility on the Bowels and thereby exciting morbid action. Moderate quantities of fruit are good as it carries off an offensive Bile. This disease affects Country people more than Citizens and Children more than Adults. The Dysentery has gone off with salivation also with violent ophthalmia and Rheumatism. It always commences with morbid action a purge will effectually prevent it in those seasons and families when it prevails. This is certainly very important. This mode of prevention is not confined to dysentery alone, the same is attended with happy effects in Yellow Fever &c.

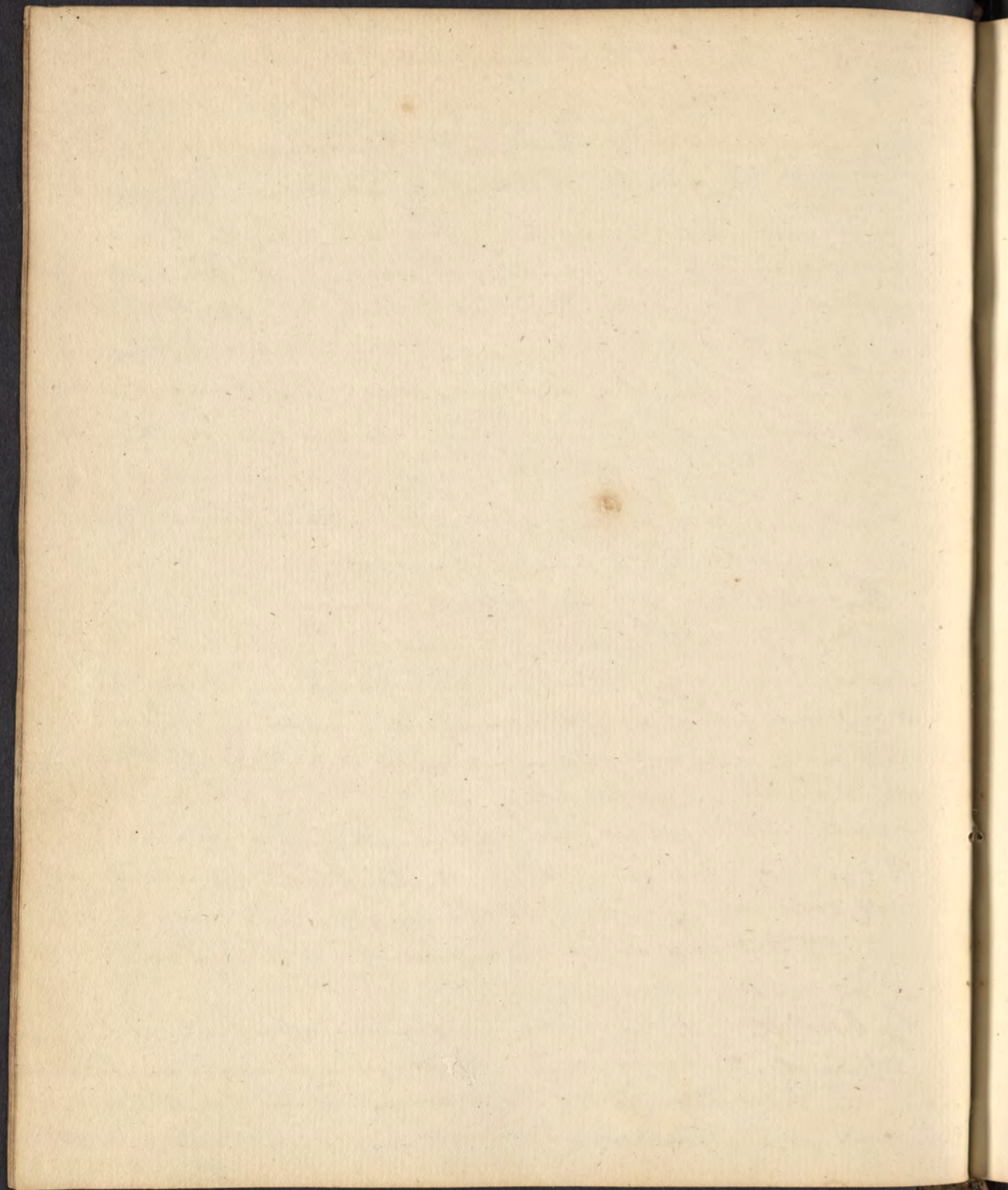
Cure. 1 Bloodletting where the pulse, pain &c call for it. which is now more frequent than formerly, it is absolutely necessary. 2 Vomits when sickness at stomach attends. — 3 Purges are certainly necessary. Castor or Linseed Oil, manna &c are of a soothing lenient kind, others of a more powerful nature may sometimes be required.



4 Lime juice with common salt was strongly recommended by Doct. Wright of Jamaica - 5 Clysters of flax seed Tea, Rice jelly &c. a few drops of Laudanum will frequently be very serviceable. 6 Diluting and demulcent drinks, these are absolutely necessary. They sheathe the intestines from acrimony and supply the place of the mucus which is abstracted from the Bowels - 7 Opium, will then often be required. 8 Blisters, there is a remarkable connection between the skin and intestines. Blistering has very good effect, it sets up a new action which is stronger than the one in the Bowels. 9 Bark, in an advanced period of this disease and particularly if there be intermissions Bark is a valuable and a powerful medicine -

3 Diarrhoea, very often follows dysentery. It yields to 1. Gentle purges of Rhubarb. 2 Vomits of Ipecacuanha. 3 Blood letting moderately in Phlogistic habits. 4 Demulcent drinks 5 Clysters, both of an astringent and demulcent nature, the following is a valuable injection for diarrhoea R. P. Spec. 3ss. Laud. Liquid Aqua font 7 Blisters to the arms, anels &c repeat them. 8 Salivation has succeeded in many cases when every thing else has failed. 9 warm and cold baths are powerful. 10 change of air and water. 11 Exercise. 12 Diet and drink accommodated to the system, 13 loaf sugar mixed in brandy. -

4 Cholera. - 1. the causes are such as affect the intestines primarily. 2. it is produced by diseases in contiguous parts as the Liver, Kidneys, &c. 3. it is a disease of the whole system. - When it is a symptom of general disease it is to be treated

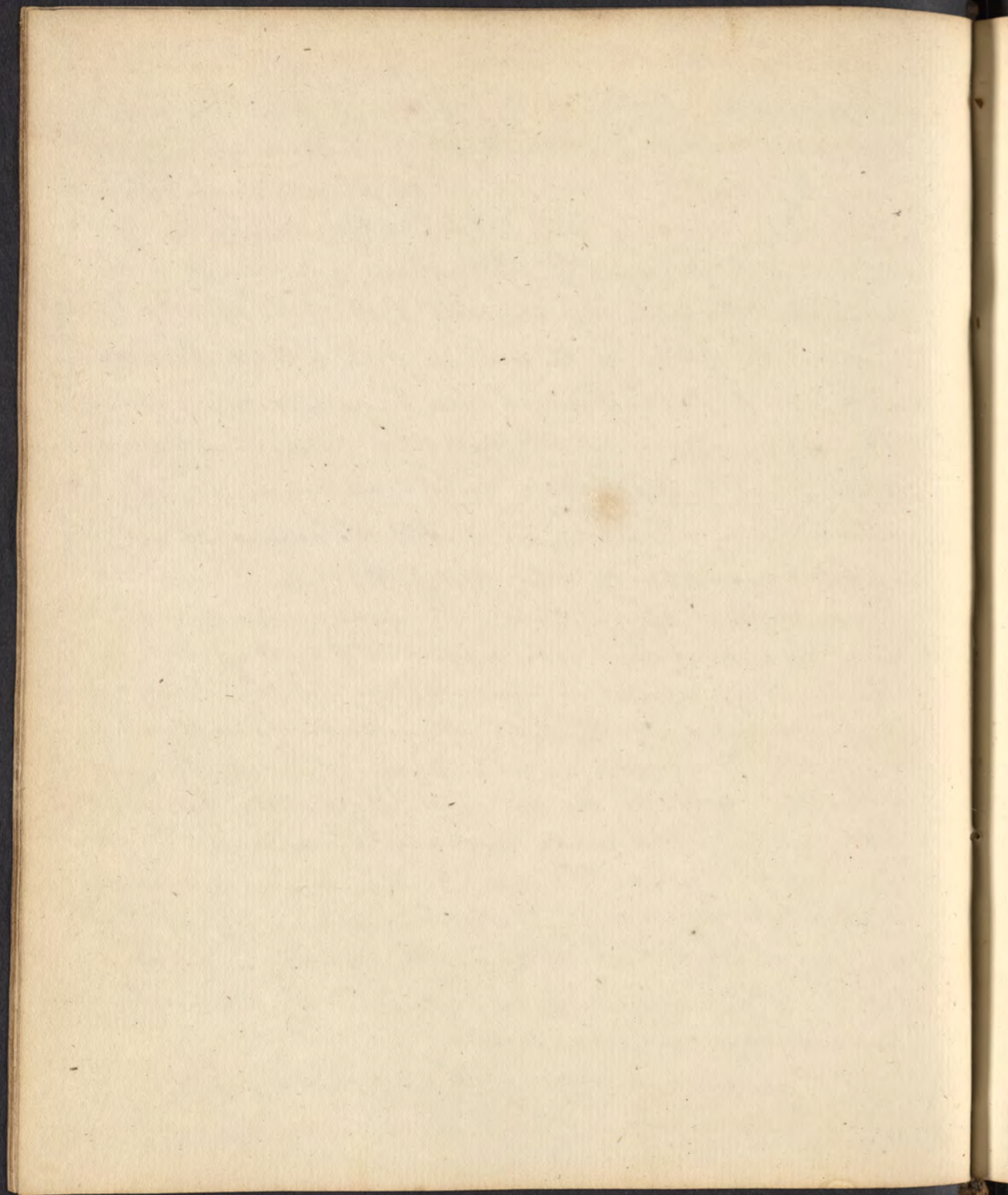


accordingly as by 1st Bloodletting. 2 Purges. 3 Emollient and astringent injections. 4 Blisters. 5 Salivation. 6 Warm bath after depletion is excellent. 7 Opiales after inflammation is subdued, as debility is the predisposing cause of Cholera. This debility may be prevented or removed by Stimuli suited to the state of the system. An attack of the disease will be effectually prevented 1 when the smallest notice is given of the return of the disease give a little Laudanum from \times to $\times \times$ gr. 2 The Diet should be calculated to give tone to the system in general and intestines in particular, it should always be solid. 3 Blisters, Chalcian medicines should be administered in the intervals. 4 All the causes should be avoided, particularly cold, wet feet. —

Pneumonic state of Fever, Pneumonia never occurs without fever. 'Tis nothing more than a symptom of an Original fever, the Lungs are affected only in consequence of this being a portion of the surface of the body. It indicates an inflammation of the Lungs and Pleura, it is produced by an attraction of heat and Cold, by the contagion of Measles, Small-Pox, Influenza &c. Miasmata will also produce it. 'Tis sometimes a symptom of Gout. 'Tis induced sometimes and injures in the Lungs. A decayed Tooth according to Doct. Fabre has produced it. Debility is the inviting or predisposing cause. Pneumonia is distinguished by particular names from certain circumstances.

I Pneumonia vera, with a synocha Fever.

II Pneumonia notha, It occurs in the southern



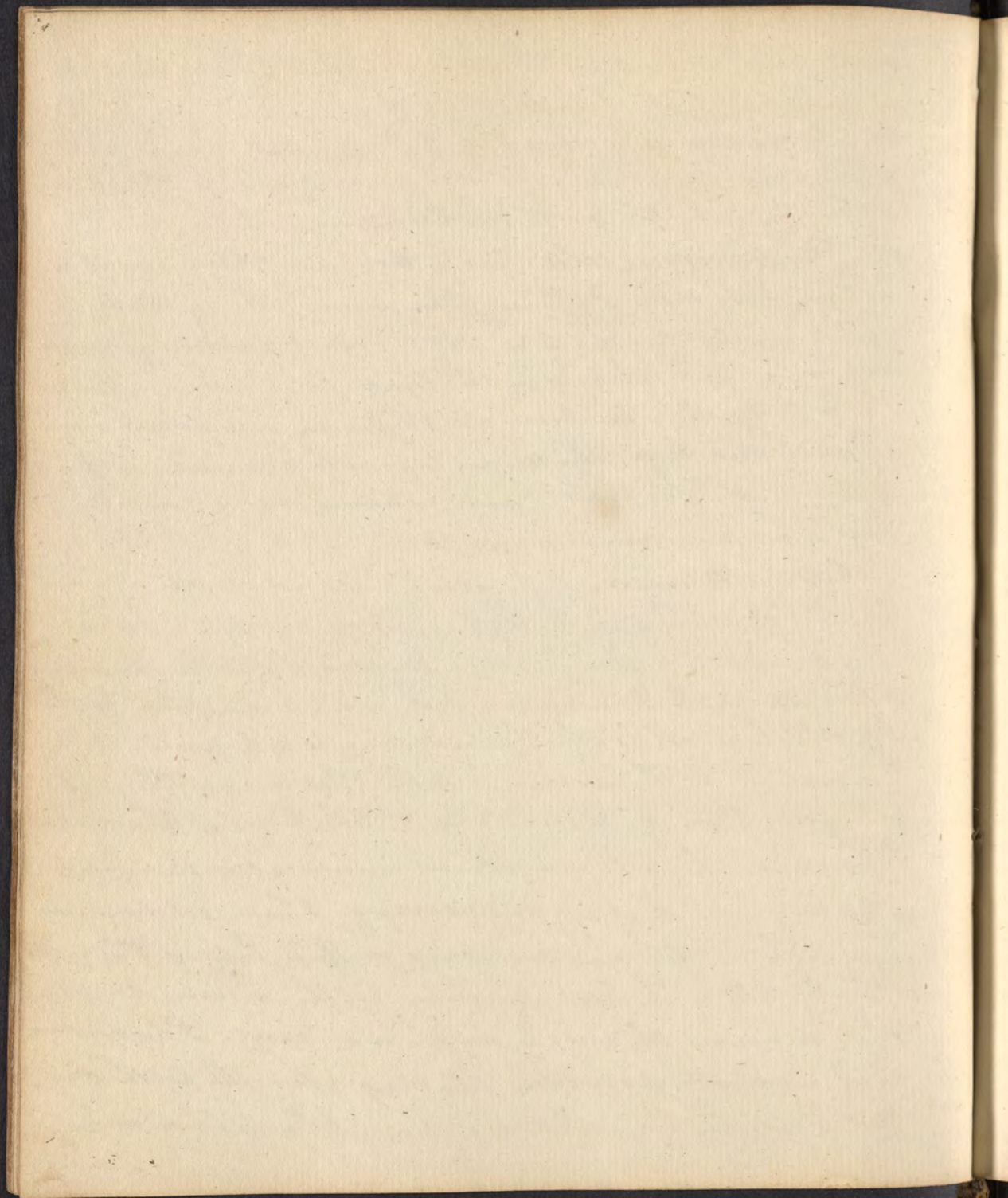
Stater. Pulse is small and soft - 'Tis what I have called an apoplexy of the Lungs. -

III *Pneumonia Typhoides*. This is what I have called the anginous state, The symptoms are frequently Petichia It prevails in the northern Climates. -

IV. *Pneumonicula*. 'Tis a Consumption, but it is nothing more than a chronic Pneumony. The symptoms are Tubercles &c. which are all the effect of a general disease. It is important to take it in this light, for if taken in time it is as fully under the power of a Physician as any other disease. -

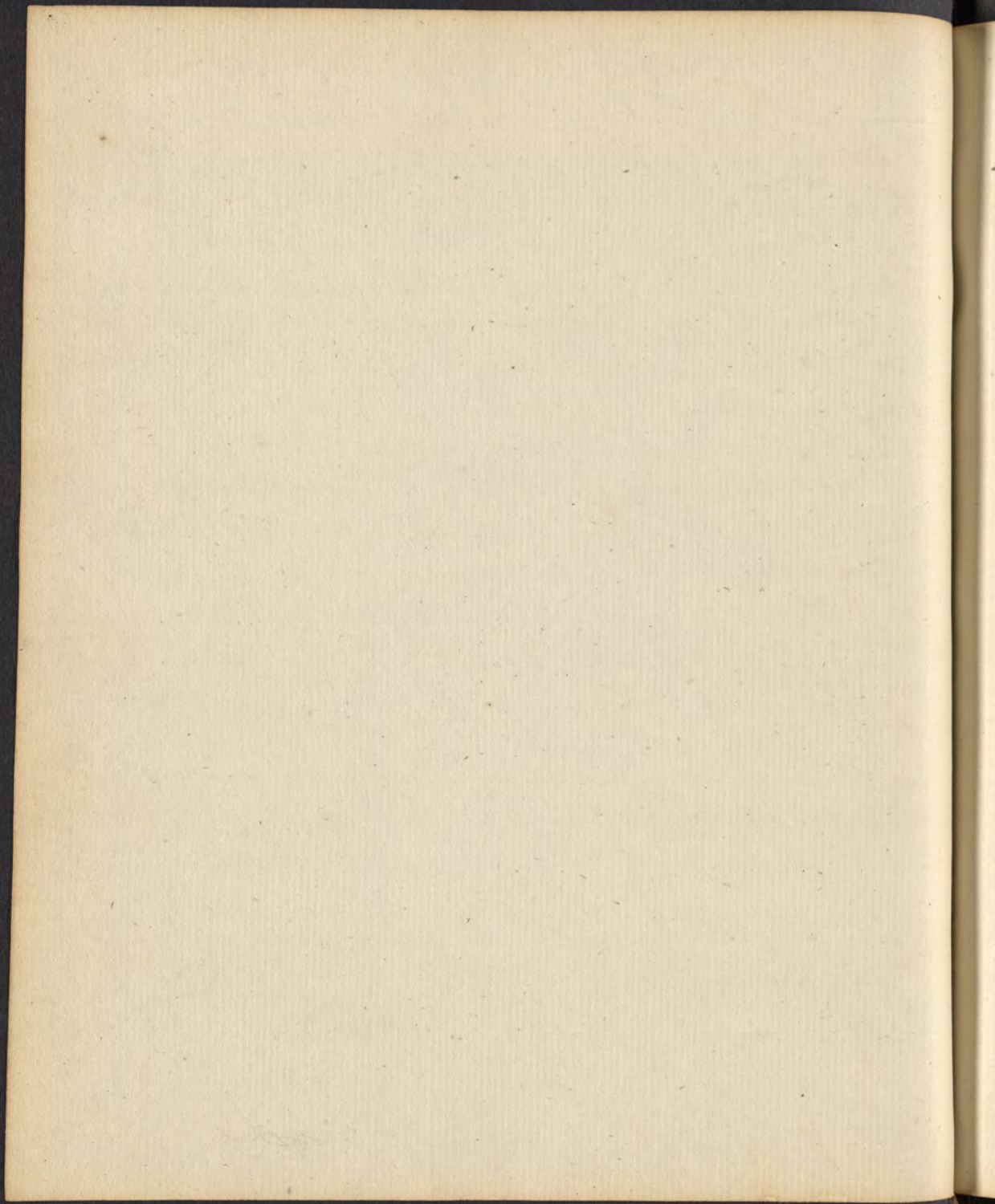
I *Pneumonia vera*, This disease frequently terminates in effusion of the Lungs, when this takes place in a great degree it ends in what is called galloping consumption.

CURE. 1 *Bloodletting*, judicious, will not operate against you here Gent, as pain in the breast or sides attends. I have always expected to hear my Patients complain of pain in this disease. It has never failed to ensure me of its entire submission to the Lancet. The length to which *Bloodletting* is to be carried is to be determined by the judgement of the Physician. There is a *Bilious Pleurisy* described by Dr. Chalmers of Charleston S. Carolina, which he was almost universally successful in treating with purging and sweating. I have seldom seen more than one bleeding necessary in these bilious Pleurisies. The Lancet is the best expectorant in this disease, it never fails to render the cough much more easy. Physicians have in common forbidden bleeding after the fifth day. 'Tis altogether a mistaken notion. I have bled my
Patients



Patients on the 5th 6th 7th and even the 8th day and thereby saved their lives. Unhappily for mankind a contrariety of Opinions exists as to the quantity to be drawn. The pulse in Pneumonia Vera will direct us. — It sometimes suddenly rises off and is translated with the Saneet. Bled on.

I lately attended a patient labouring under Pneumonia Vera, I bled him several times, and he became maniacal suddenly from a translation of the excitement to the Brain, I bled him again and he became Apoplectic, I bled him again which was the twelfth time, his apoplexy left him and all the symptoms of his Pleurisy returned. He perfectly recovered in a short time producing all the symptoms of Rheumatism. — 2 Purges, as Oil, Calomel, &c. 3 Clysters. If bilious symptoms attend, the Bowels should be opened several times per day. 4 Neutral Salts, as Nitre from \times to $\times\times$ grs should be given every two, three, or four hours. — 5 Seneka, this is a valuable medicine, it seems to produce sweating without stimulating but very little. I have called it a vegetable Antimony. 6 Blisters They should be applied to some part of the breast after V.S. Demulcent drinks as Barley water, Flaxseed tea, Bran tea which is made by boiling the bran and sweetning the decoction &c. 8 Vapours of Boiling water when there is oppression or difficult respiration. Volatile Alkali \mathfrak{z} .ij or more and why answers the purpose. — 9 Oil this is a good demulcent lubricating medicine in Peripneumony. —



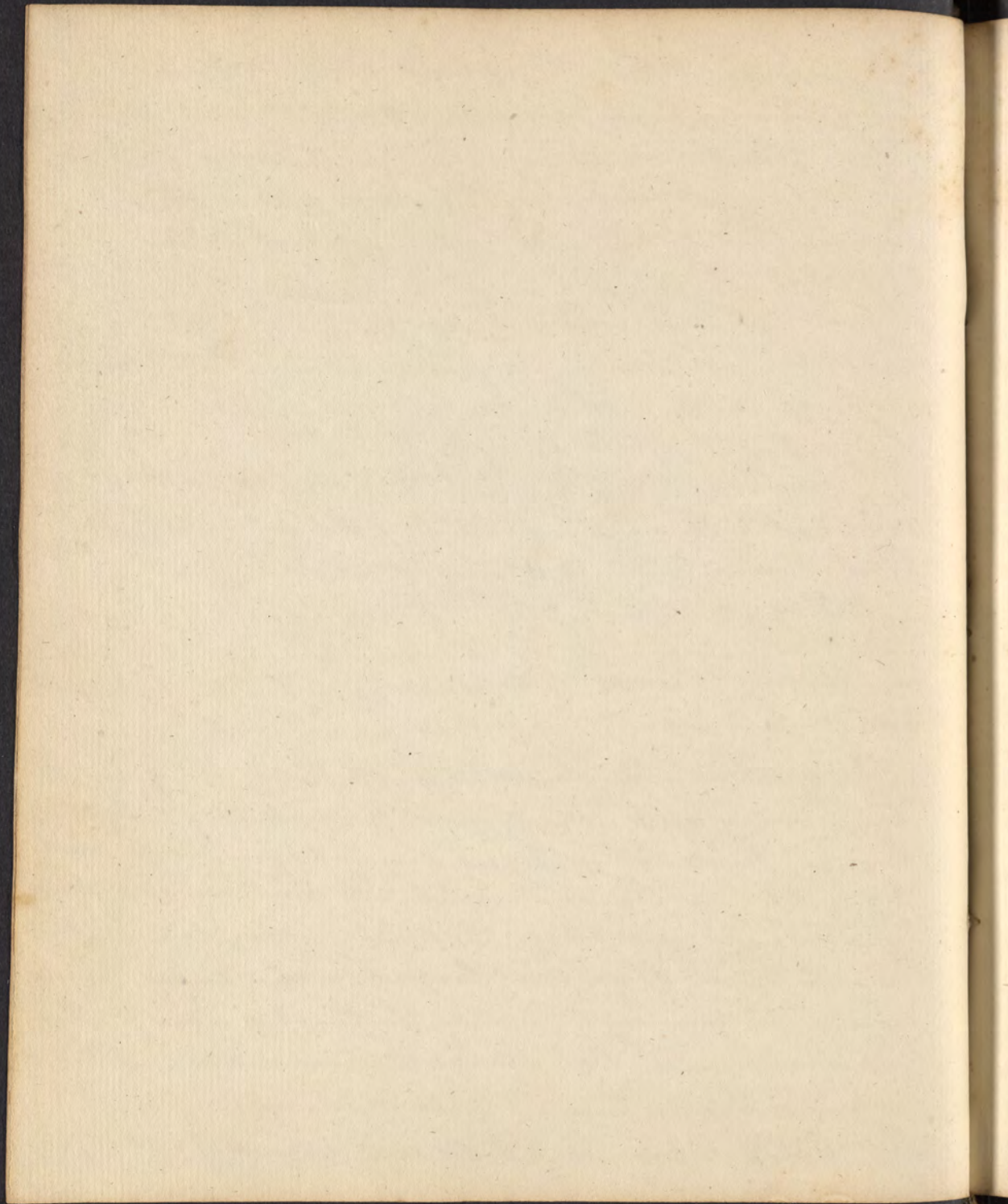
2 *Pneumonia notha*. This appears chiefly in debilitated habits. It depends upon a sudden effusion of Blood into the Lungs; there is sometimes a little inflammation in the lungs. There is seldom a chilly fit, There is no heat on the skin. Pulse is nearly natural, rather softer than usual. — Cure, 1 Bloodletting, it must be used copiously and at one time, There is no other remedy and Death without it is as sudden and as certain as from a Cannon ball. The cure is as sudden as the attack. You are directed to bleed from the distending dyspnoea & that attend.

2 Cornits. 3 Blisters to the breast arms and legs. 4 Volatile Alkali is here very useful. 5 Hot vapour is highly proper, it must be used. 6 Opium after Bleeding. —

3 *Pneumonia Typhoides* or malignant Pneumony. It runs its course so suddenly as seldom to require more than one bleeding. Cure, 1. Bloodletting, when the pulse will admit. — 2. Bark and wine should now be given. —

4 *Pneumonicula*. or Consumption. 'Tis most frequently a *Pneumonia vera*. It certainly yields to small and frequent bleedings. I will without saying more refer you to my *Acad. Inquir.* vol. 2. — *Pneumonia* like all other diseases depends upon predisposing debility. The forming state of Consumption may be known by unusual languor, warm hands, thumy eyes in the morning, Pain in the breast or sides & they universally occur. I speak here of a consumption without a disease having preceded it as Pleurisy &c. —

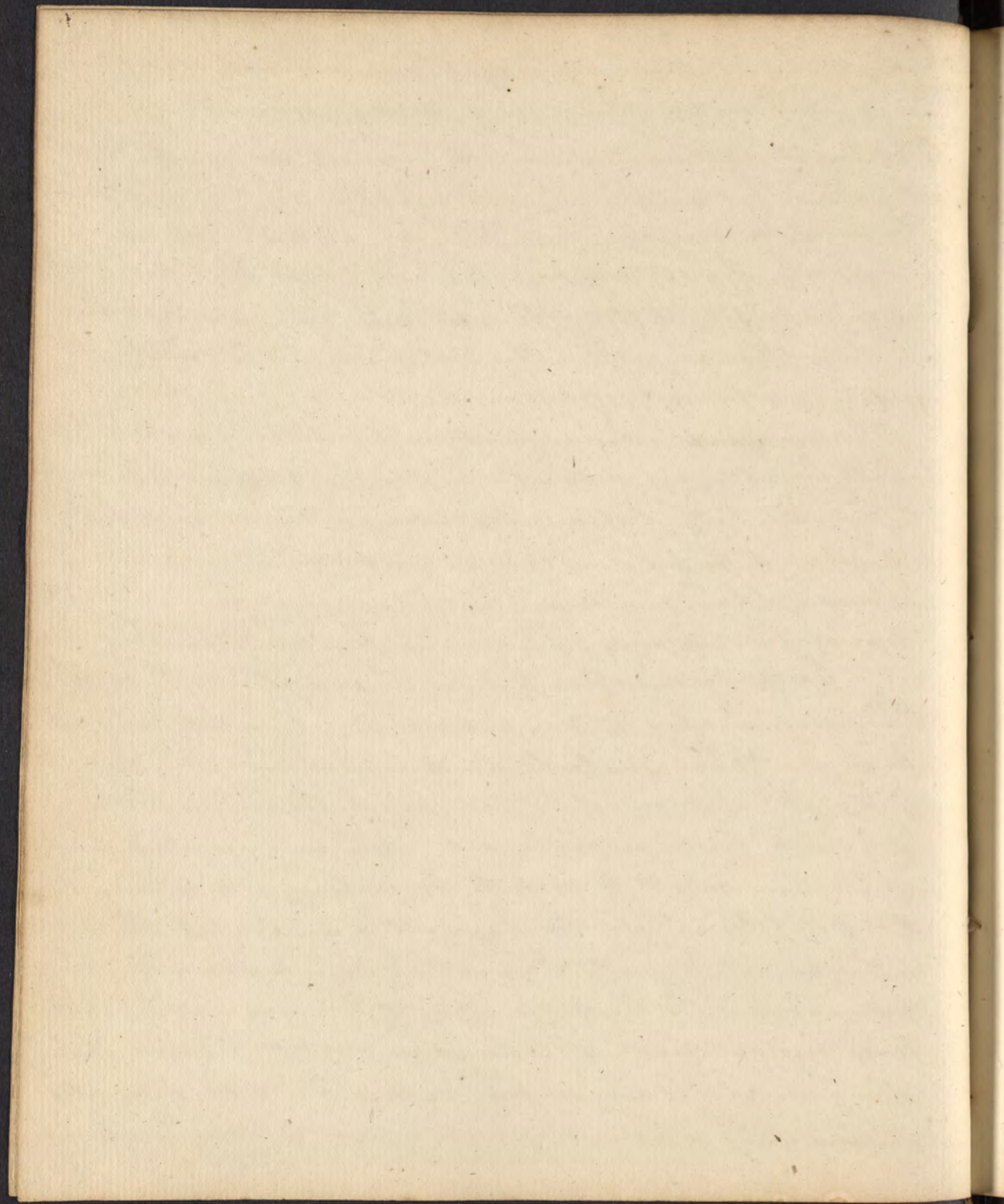
CURE. 1 Exercise, 2 Cold bath. 3 Bark and Steel.



4 Salted meats, these contain less Oxygen and make less blood consequently are less stimulating. 5 Mercury may be necessary. 6 Bloodletting may sometimes be required tho' rarely. 7 All the causes that induce indirect debility should be avoided.

Consumption sometimes comes on after neglected Pneumony or Catarrh. I will only add that in the Typhus state I have lately prescribed the cold bath with very great advantage. In the inflammatory stage bloodletting should be employed frequently, in small quantities and for a length of time.

The consequences of consumption are 1 Haemoptysis, which I shall hereafter take notice of. 2 Abscesses. 3 Ulcers. 4 Tubercles. The remedies for the last are bloodletting or Tonics according to the state of the pulse and by treating patients in this manner I am certain, I have seen cases, where Tubercles even formed were cured. I have in one instance seen them spitten up - The Scurvy is a hardy disease. Death must be strongly armed or the Physician weakly so, if a patient die suddenly from such affections. What would be the effect of Mercury in the Typhus state? I know not; I have frequently tried to salivate my patients but never could do it. Also in the inflammatory kind Mercury might be useful by inviting a new disease. Abscesses, Ulcers, Tubercles, have all been said to be the cause of this disease. It would be equally as wise to attribute the Yellow Fever to the black vomiting. Wounds, or injuries done to the very substance of the lungs do not kill, because there is no general debility in these cases - Catarrh may also be considered a pulmonary state of fever, if you are to examine the



the Pulse and adopt your medicines accordingly, they are the same as directed above - Angina Pectoris may also be reckoned a pulmonary affection; It is sometimes a symptomatic affection as of Gout &c. Cure as before. —

3 Anginose state of Fever, This includes,

I *Cynanche tonsillaris*, from cold the Tonsils sometimes suppurate. Cure, 1 Bloodletting. 2 Purgings. 3 Blisters. 4 Fumigations as the vapours of hot water. 5 Low diet. —

II *Cynanche maligna*, 'Tis not as has been supposed highly Pectoral, it is on the contrary highly inflammatory. It is rapid in its progress as gangrenous symptoms appear on the 2^d. or 3^d. day. It may be compared to a soap bubble which soon bursts and destroys itself. All its symptoms concur to prove it an inflammatory disease. —

Cure, 1 Bloodletting. I have used the Lancet with great success before the gangrenous symptoms appeared, but after, I believe it would be dangerous to bleed. I would advise 2^d Bark, it acts by obviating the indirect debility. It may be asked then why it does not overcome the Gangrenous state of Yellow Fever? The reason is, because the action of the Yellow Fever is more powerful and it falls on the more vital parts.

When the pulse will not bear bleeding 3 Vomits should be administered. 4 Mercury should by no means be objected. —

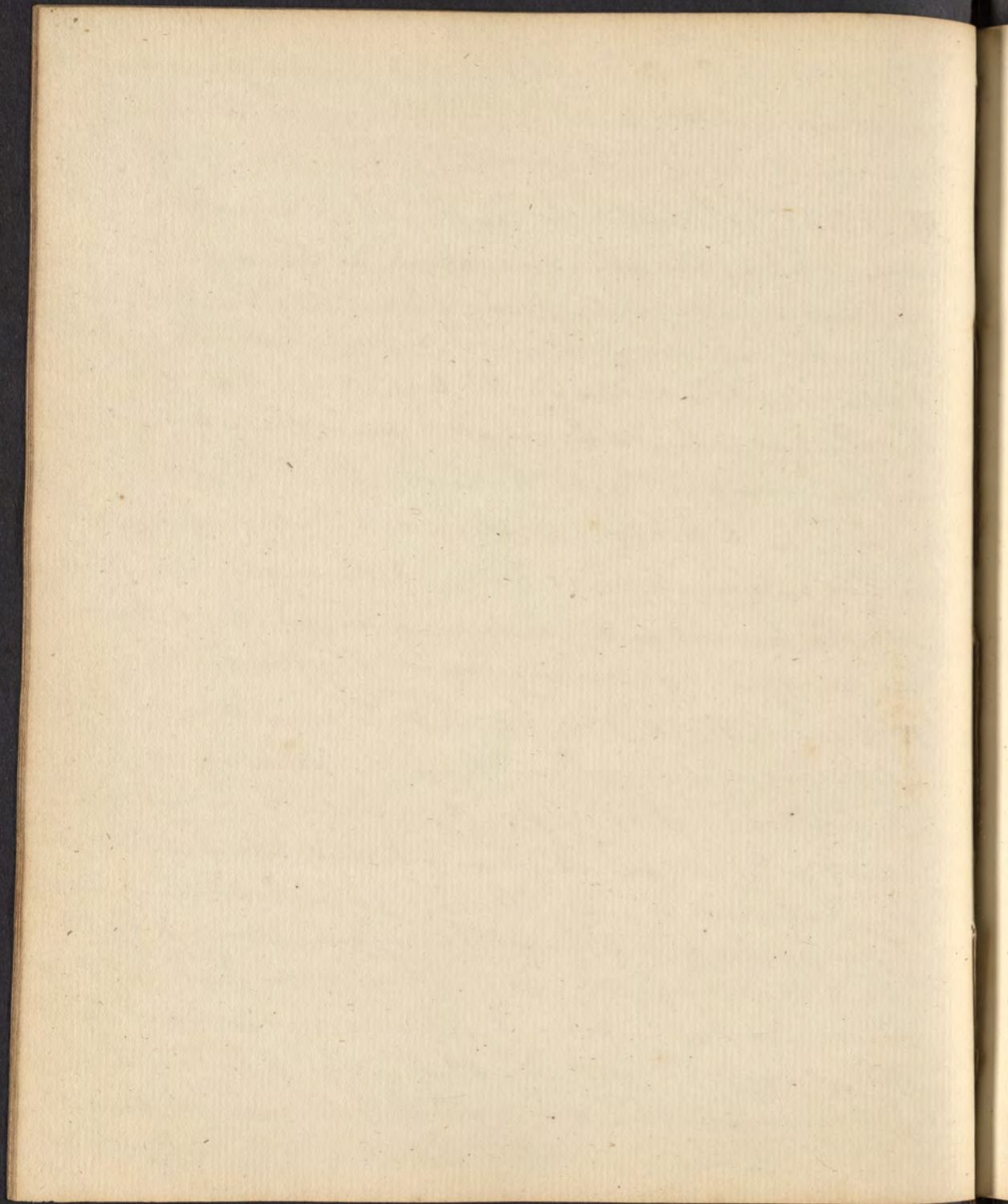
Angina Pharyngea. In its forming state Gargles of Sp. Uvini and Water. after forming R.S. and Cathartics are Serviceable also Blisters. —

Angina Tonsillaris. Puncture of the tonsils is useful
Blisters

Uplisters round the neck & Bronchotomy is sometimes necessary — After suppuration Saugher has been known to open the Tumor. —

III Scarlatina. It has been and is supposed to depend upon the same contagion as Erysipelas Maligna. it is a matter of no consequence whether or not, — as to the cure for you are to be regulated by the pulse. Cure. 1 Bloodletting. 2. Vomitting is very useful the Patient should be vomitted two or three times a day according to Doct^r. Withering for there is here as well as in Erysipelas maligna. a preternatural secretion and excretion of Bile. 3 Fumigations, they should be such as stimulate, as the vapour of Myrrh and Vinegar. 4 Nursing must be attended to. —

IV Erysipelas Trachealis. This may occur from contagion as other causes. It occurs sometimes in Small pox &c. I saw a true Erysipelas Trachealis produced in Doct^r. Foulke from a translation of Rheumatism. Its chief cause is cold. It most frequently attacks young Children. Though I have seen it in old People. There is certainly an inflammation of the Trachea. Doct^r. Frank who has written upon this disease calls it Tracheitis, it may be called the Pneumony of the Trachea. — Some supposed the effused fluid to be mucoous. but I have been lately taught to believe it to be coagulable
glymph



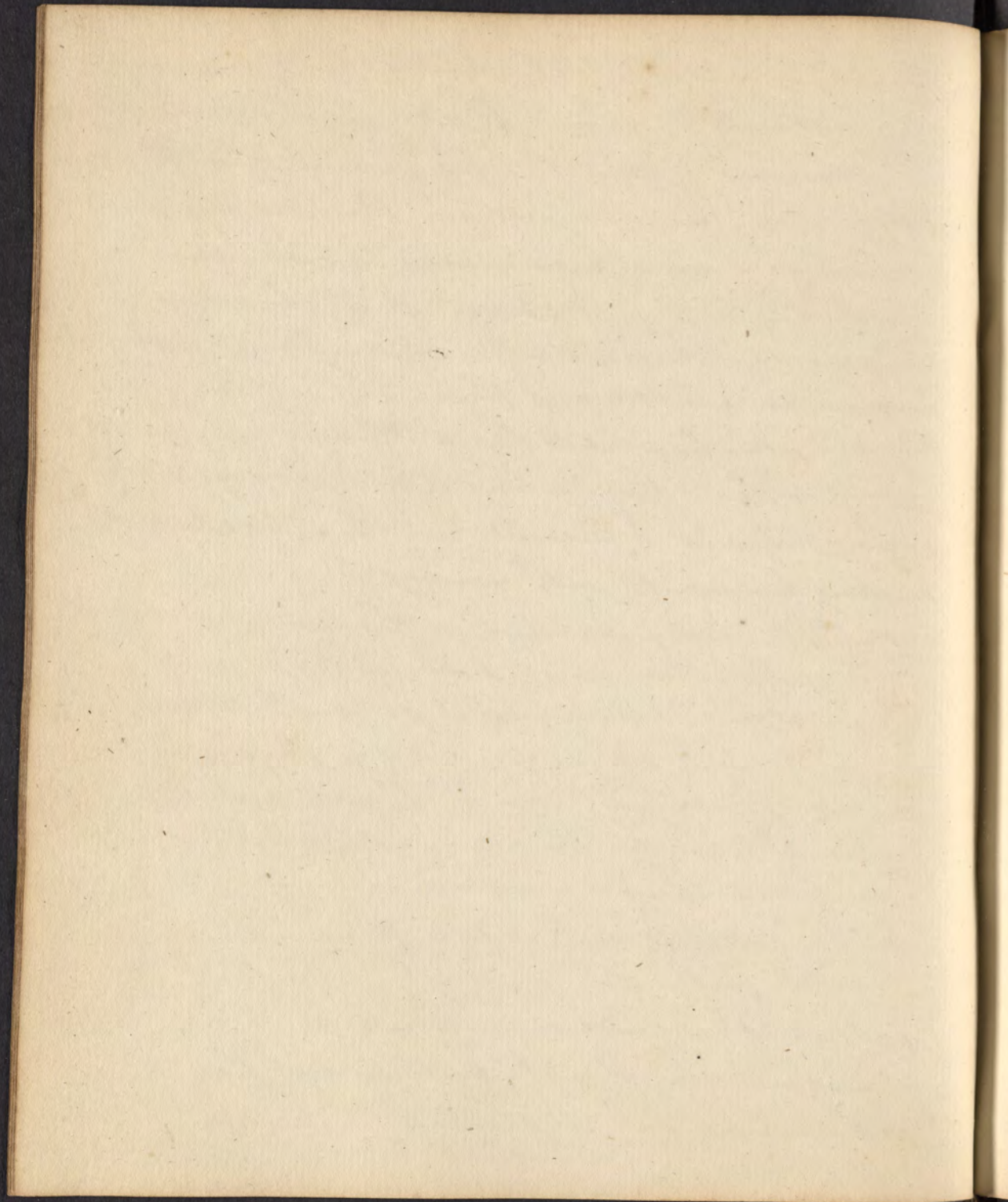
lymph, similar to that which is effused from any other inflamed surface. It does not militate against the inflammatory nature of this disease, if there be no inflammation seen on dissection. Pus has been found in the Trachea on dissection after this disease. — Firm membranes have been spilt up in this disease.

They are sometimes absorbed. Mercury will sometimes produce an absorption of them. A Gentleman from Virginia who had lately had a Pleurisy was affected after it with all the symptoms of strongly marked *Cynanche Trachealis*. I perfectly cured him by speedily touching his mouth with mercury. —

Cure. 1. Bloodletting. I always use this remedy. I once bled a Child three times in one day, while labouring under this complaint, I thereby saved its life. 2. Cornels, they should be given several times a day. 3 Mercury. 4 Purges. 5 Blisters. In the Spasmodic species of *Cynanche trachealis* the warm bath, Mercury and cataplasms, should be attended to. —

4 Rheumatic state of Fever this divides itself into acute and Chronic. —

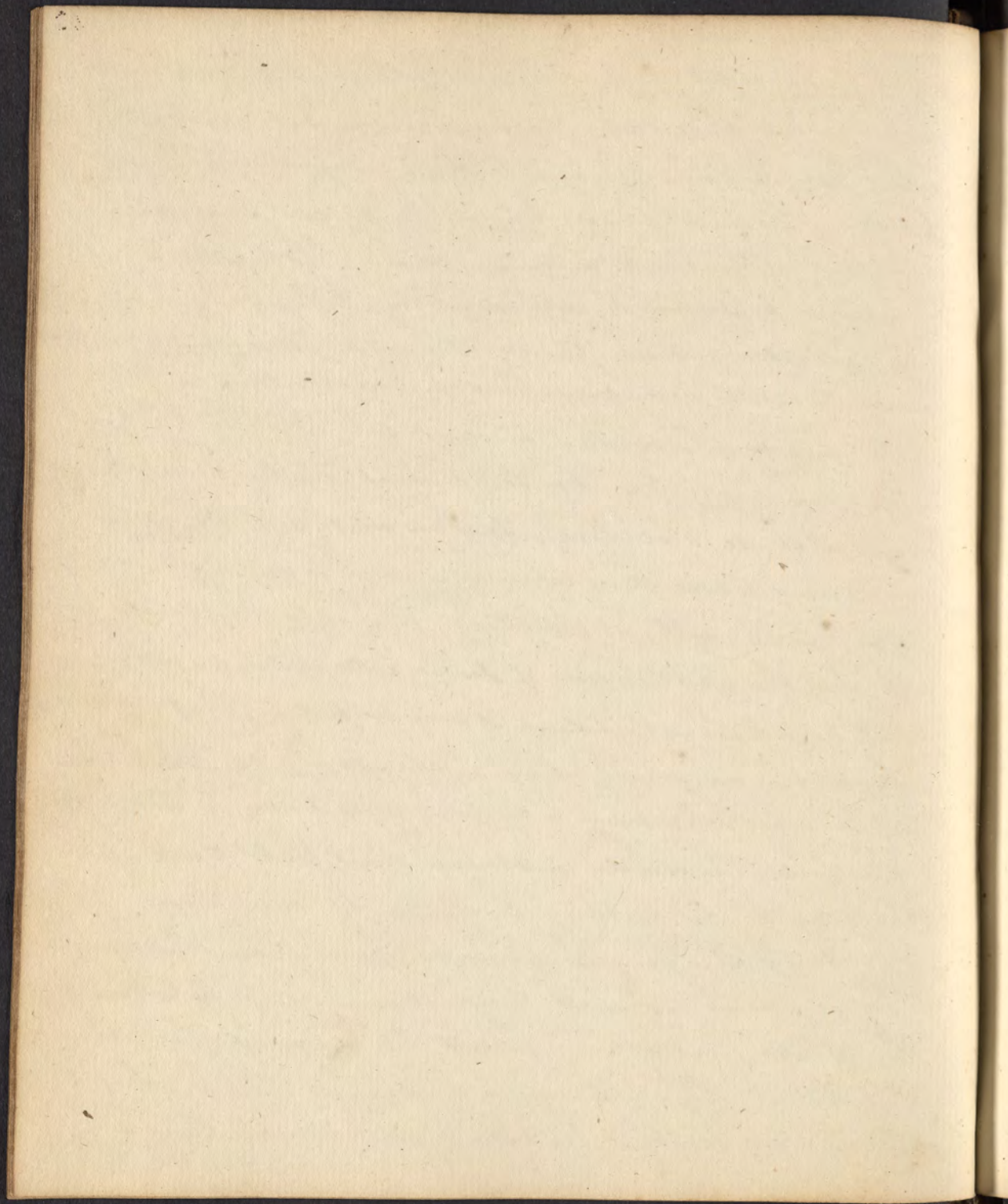
1 Acute Rheumatism arises from the alternate action of heat and cold. It most affects Soldiers from their active occupations. It affects the muscles and Tendons. —



Is nothing different from Gout only the latter frequently falls on the viscera. Rheumatism is to the Gout what Break-bone fever is to the Yellow Fever. —

CURE. 1 Bloodletting, particularly cupping, as there is a particular local determination. Bloodletting should be used in proportion to inflammation. 2 Purgings. 3 Sweating, this often relieves Rheumatism as it is an external fever. To excite sweating heat of bedclothes is the best mode. Dovers Powder after Bloodletting is a good remedy. Seneca snake root is also a very good mode to excite sweating. 4 Low diet. 5 Cold, it is sometimes useful as when you wish to destroy the action of the disease without sweating. This may be effected by cold air, the application of Ice or cold water, analogy would also lead us to believe it very useful. — The foundering of Horses is in every respect an inflammatory Rheumatism, 'tis cured by standing a considerable time in cold water. 6 Frictions, The women in Otahiti cured Capt. Cook of a Rheumatism by rubbing his joints for some time. —

It acts by bringing on a greater action than the disease. This is a true animal magnetism. — 7 Blisters to the affected part after a small bleeding, If they be objected to, the application of cabbage leaves should be resorted to, they procure a small discharge. —



In promoting a discharge here we anticipate Nature who always relieves herself by an effusion. 8 Molasses and Mercurial ointment rubbed on the part, I have found of service. The sooner a person uses them the better.

When the part swells, Blesters are necessary.

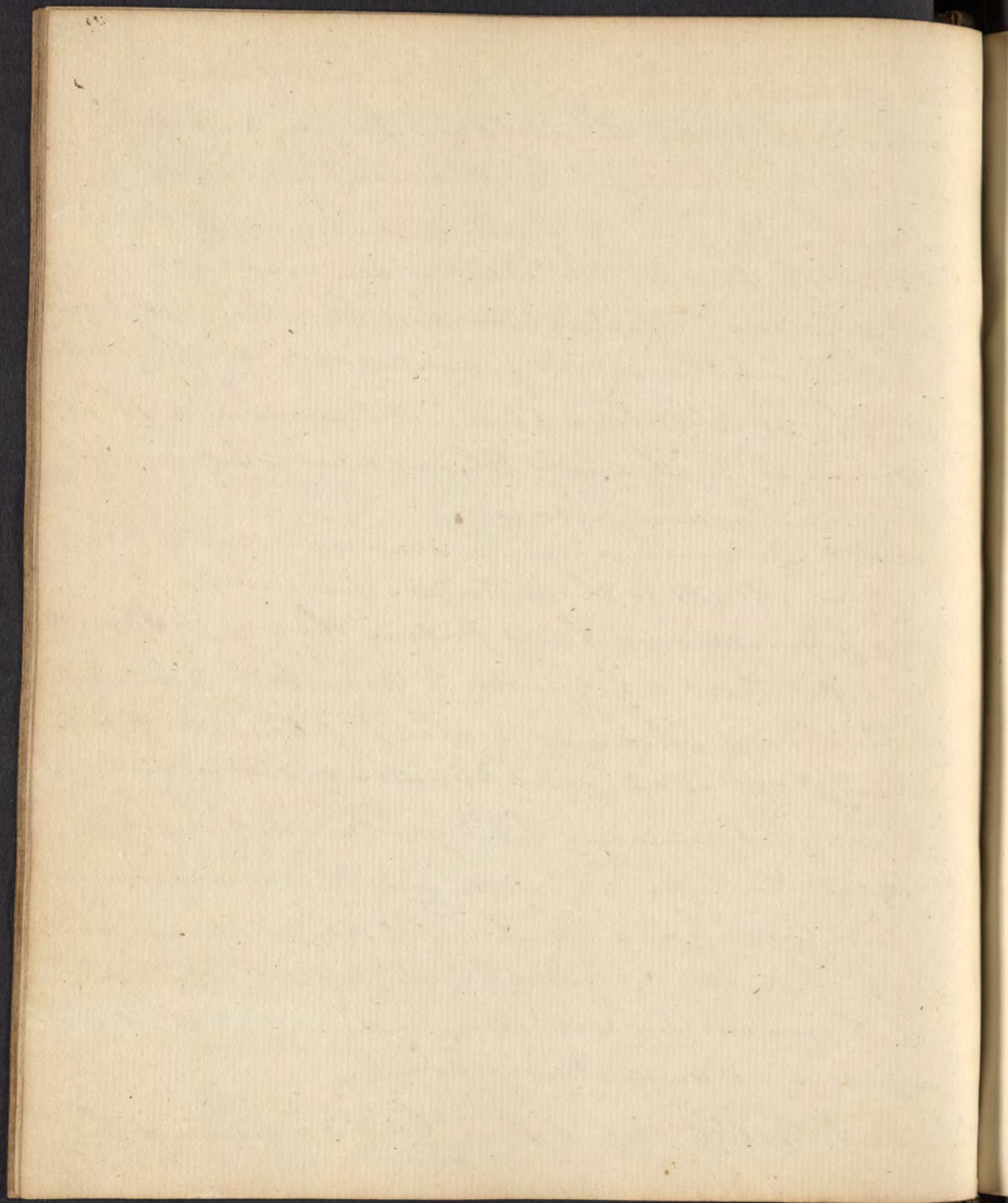
Prophylaxis - Flannel worn next the skin. - Abstinence Sulfur taken in small quantities as to open the bowels.

II *Rheumaticula* or Chronic Rheumatism with inflammation. It is to acute Rheumatism what consumption is to Pneumonia Vera.

Cure. The remedies are the same as in acute Rheumatism. Attend to the pulse, and you will have to bleed frequently and thereby prepare the way for Stimuli: as 1 Vol. Finest of C. Quina. 2. Warm bath. 3 Cold bath 4 Frictions. 5 Electricity. 6 Change of Climate. 7 Salivation. Small and frequent P.S. Low diet Blesters &c.

Beware of Stimulating before you have sufficiently reduced the Pulse. A swelling in the lower extremities I have found to be a symptom of Rheumatism, no pain, there is an engorgement of the Vessels, Bleed in such cases and you will excite pain and with it the symptoms of Acute Rheumatism.

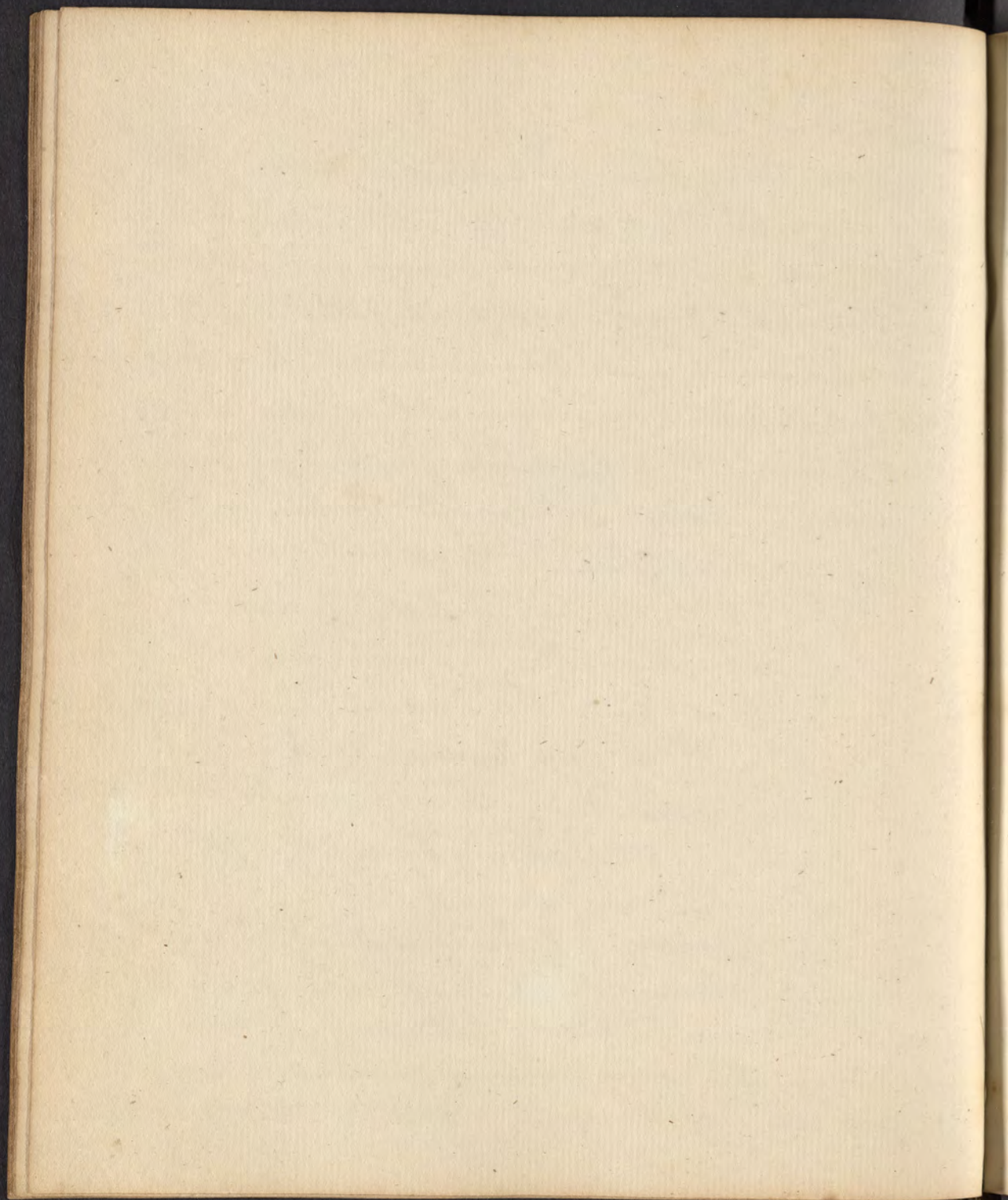
5 *Arthritic* state of Fever. Gout is a disease of the whole



whole system. It is a primary disease of the solids only. Chalk stone, abscesses &c. prove it to be so, it is produced from a general predisposing ability. It affects most frequently those of a sanguineous temperament. - It attacks generally in the spring and autumn when the changes of weather are most favourable to diseases. - It is an Hereditary disease but it does not depend upon a transision of morbid matter from parents to their Children, but on a predisposition that is transmitted. It passes by children sometimes and affects grand children. It affects females as well as males. Males are subject to it in a greater degree as is generally thought; Perhaps it would be more proper to say it affects both alike and that it appears in females in the form of Hysteria &c. It appears before puberty. I have seen it in a Gentleman after he was 80 years old and in a Child only 6 years old. The most active minds are most subject to it. -

Remote Causes. 1 Passions of the mind. 2 Ardent or fermented liquors. 3 High living. Spirits are actually necessary to induce Gout which affects the muscles and Ligaments. The acrid wines are most apt to induce it. Spirits more apt to induce it again. These all induce a debility. -

Exciting



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Exciting causes. These are such as induce indirect debility or direct debility. 1. Indirect, as fatigue. 2. Night watching. 3 Joy. 4 Terror. 5 Strains. 6 Fever. 7 Hearty meals. 8 fits of drunkenness. 9 Anger. —

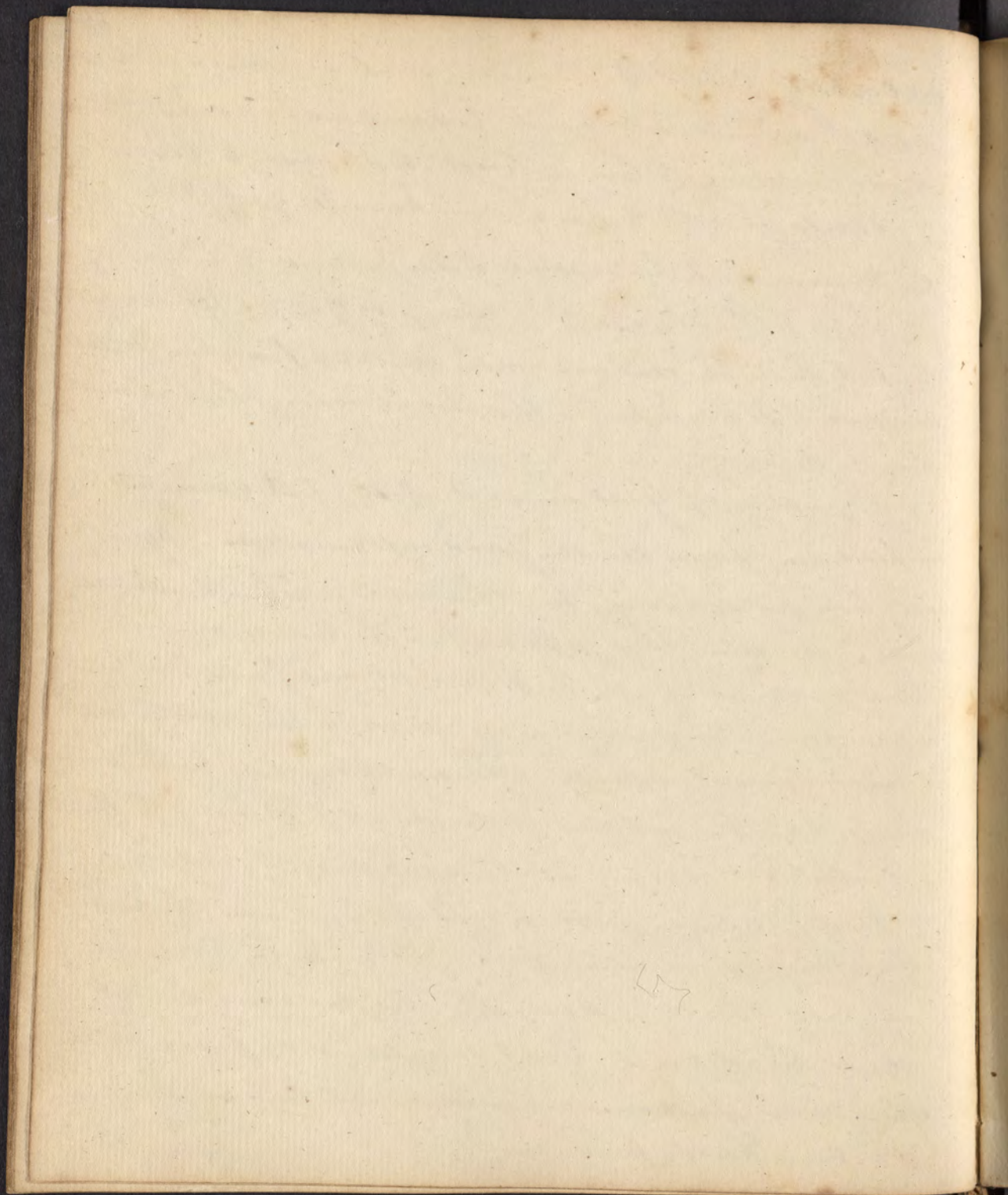
2 Direct. as 1 Inanition from fasting. 2 Purging. 3 Cold. 4 Fear. 5 excess in Venery. 7 Grief - Gout affects the feet because they are more distant from the vital energies. It attacks in the night when there is most direct debility.

Symptoms of Gout are as it affects 1. Ligaments in producing pain swelling and inflammation - You will here see its analogy to Rheumatism. Their proximate cause is the same they differ only in the remote causes.

Gout sometimes affects the Hip, Eyebrows, Jaws. &c. Gout differs from Rheumatism in affecting the system with a more general debility. Rheumatism like Gout produces Chalk stones and dislocations of Bones. The Gout is centripetal whilst the Rheumatism is centrifugal

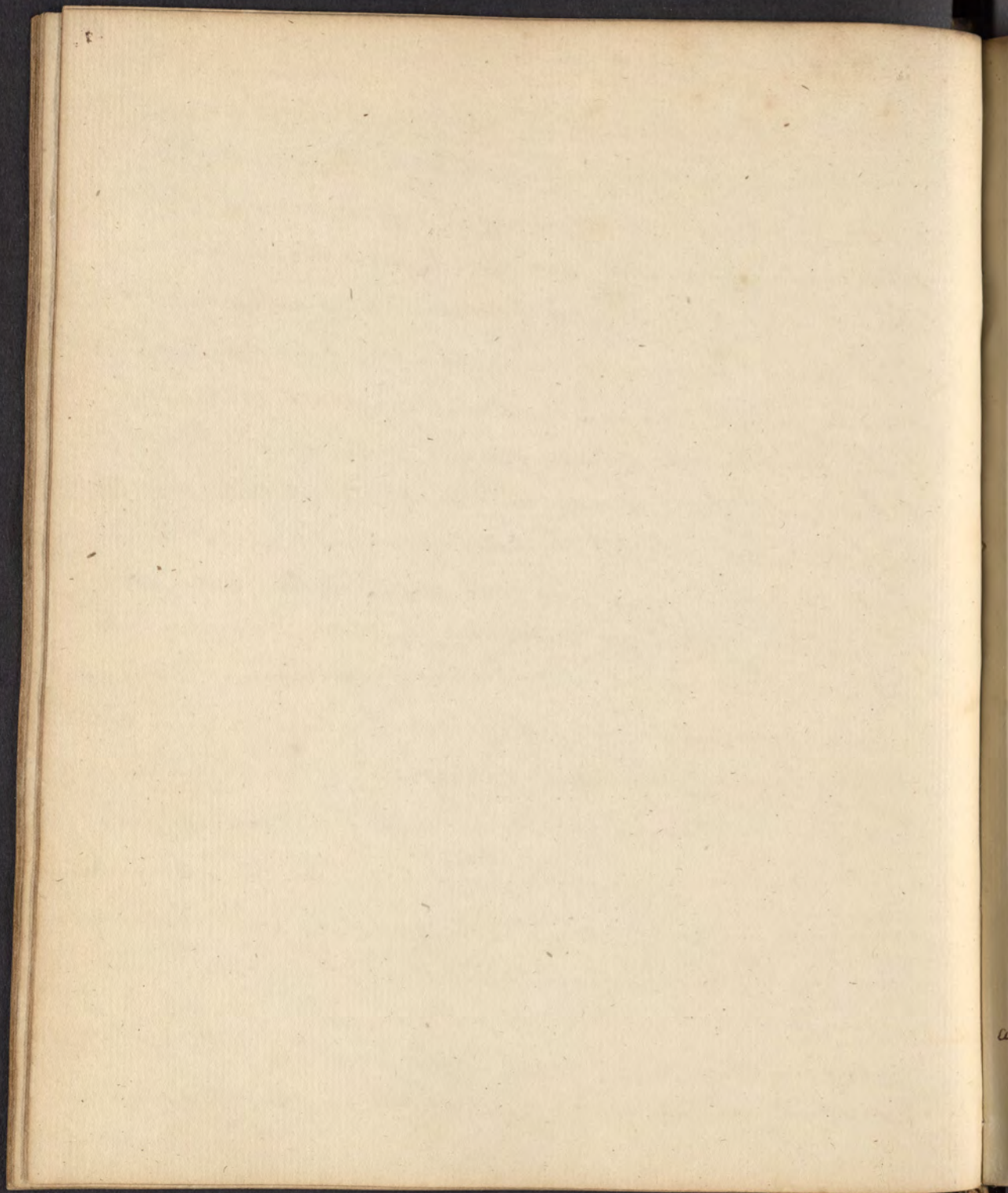
2 In the Arterial system. It is observed in the pulse - Gout more frequently affects the joints in the spring and fall. Bark is poison in this disease when it affects the Arteries. Gout sometimes appears in the form of an Intermittent and sometimes in the form of a true Heel's fever. —

Sometimes



Sometimes it appears in the full and Change of the moon. 3 In the Nerves and Arterial system jointly producing Vertigo, Apoplexy, Palsy, Hysteria &c. 4 In the Muscles producing pain and spasmodic affections; There is a sudden shooting pain which sometimes passes throughout the different parts in Gouty Persons and is gone in an instant. It affects like the Electric spark. I have called it the Aura arthritica. Gout sometimes affects the muscles of the Legs &c. 5 In the tendons, producing violence, rending and tearing them to pieces. 6 In Cartilages, I have seen it affect the cartilage of the ears with violent soreness and pain. 7 In different viscera. In the Brain producing Apoplexy &c. In the Lungs producing pulmonary consumption, Asthma, Angina Pectoris and a little short cough. In the Throat Angina &c. In the Kidneys producing inflammation, diabetes, cholic and Strangury from an engorgement of the ^{blood} vessels. - In the Bowels producing inflammation, Dyspepsia, Cholic, Hemorrhoids, Dysentery, Diarrhoea called in Virginia the downward consumption. The Liver suffers much from the Gout, producing an increased flow of Bile, Calculi &c. These last symptoms appear most frequently in females and in

Southern

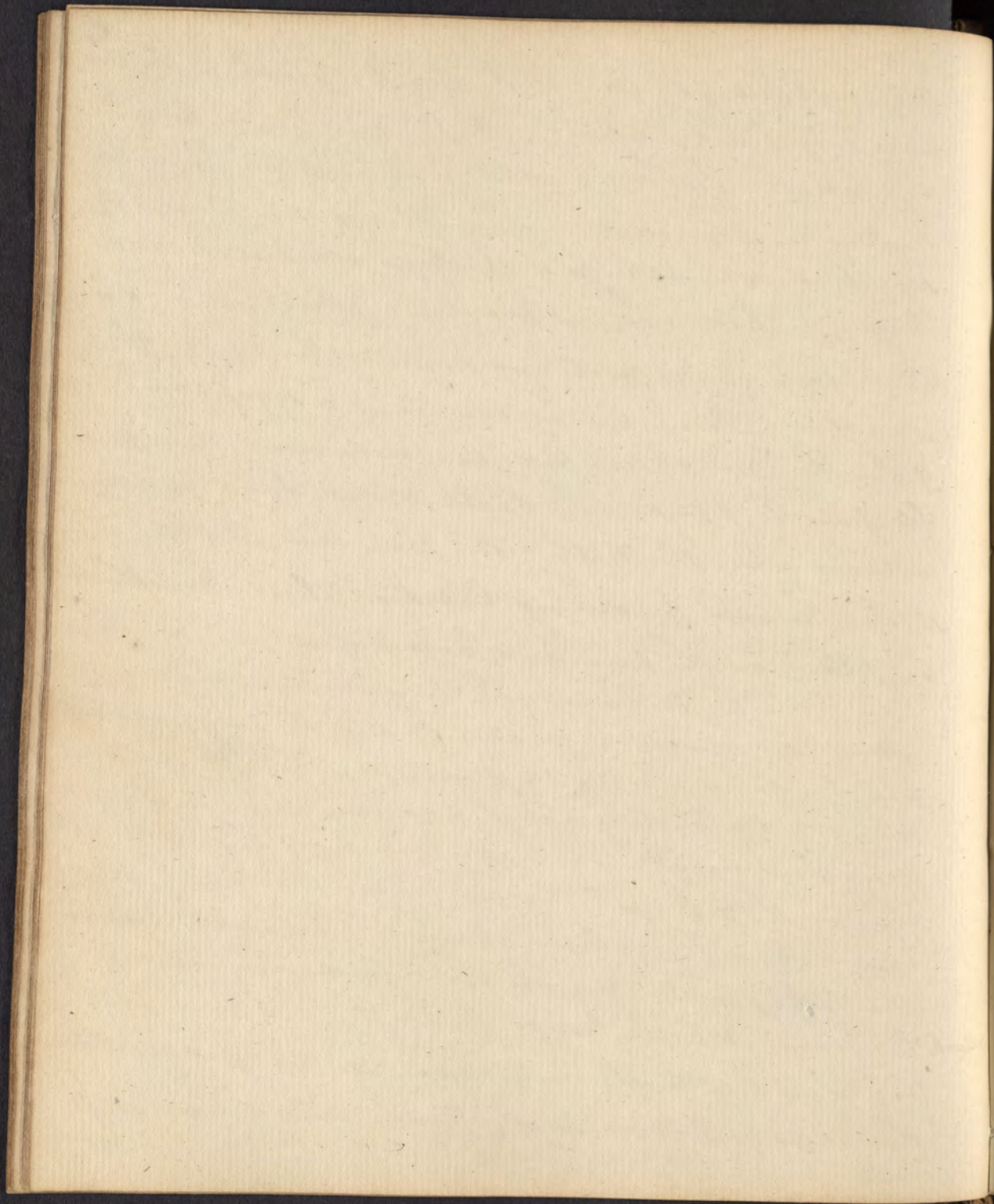


Southern Climates. On the Stomach it produces Nausea, vomiting, black matter &c. 8 In the Glandular and Lymphatic systems, producing Salivation. Buboes, swelled breasts, each of which I have seen producing scrophulous swellings of the lower extremities and Dropsy - I have seen it produce a flow of mucus from the Uthra or a catarrh and pain in the parts of Generation. Priapism is sometimes a symptom. -

9 In the Bones, twisting and dislocating them probably from the formation of Chalk Stones. I once saw an instance where the Teeth rotted from their sockets. -

10. In the skin producing Pecthia, Ulcers, Mortification Eruptions on the face and Erysipelas. -

The Blood vessels, Nerves and Lymphatics are affected accordingly as the patient is of the sanguineous phlegmatic or nervous temperament. Chalk stones are formed in the Eyelids and I have seen them shitten from the Lungs &c. These effusions most frequently take place in the Kidneys. They are (take notice Gent), always preceded by inflammation - Effusions of Blood and Serum often takes place. Gout is the same disease whether it attack the Brain, Bowels, Lungs, Joints &c. - I have said there is no half truths in Government, 'tis equally true there is no half Medicines, 'tis the same let its excess



be what it may. 'Tis a malignant fever of a chronic kind.

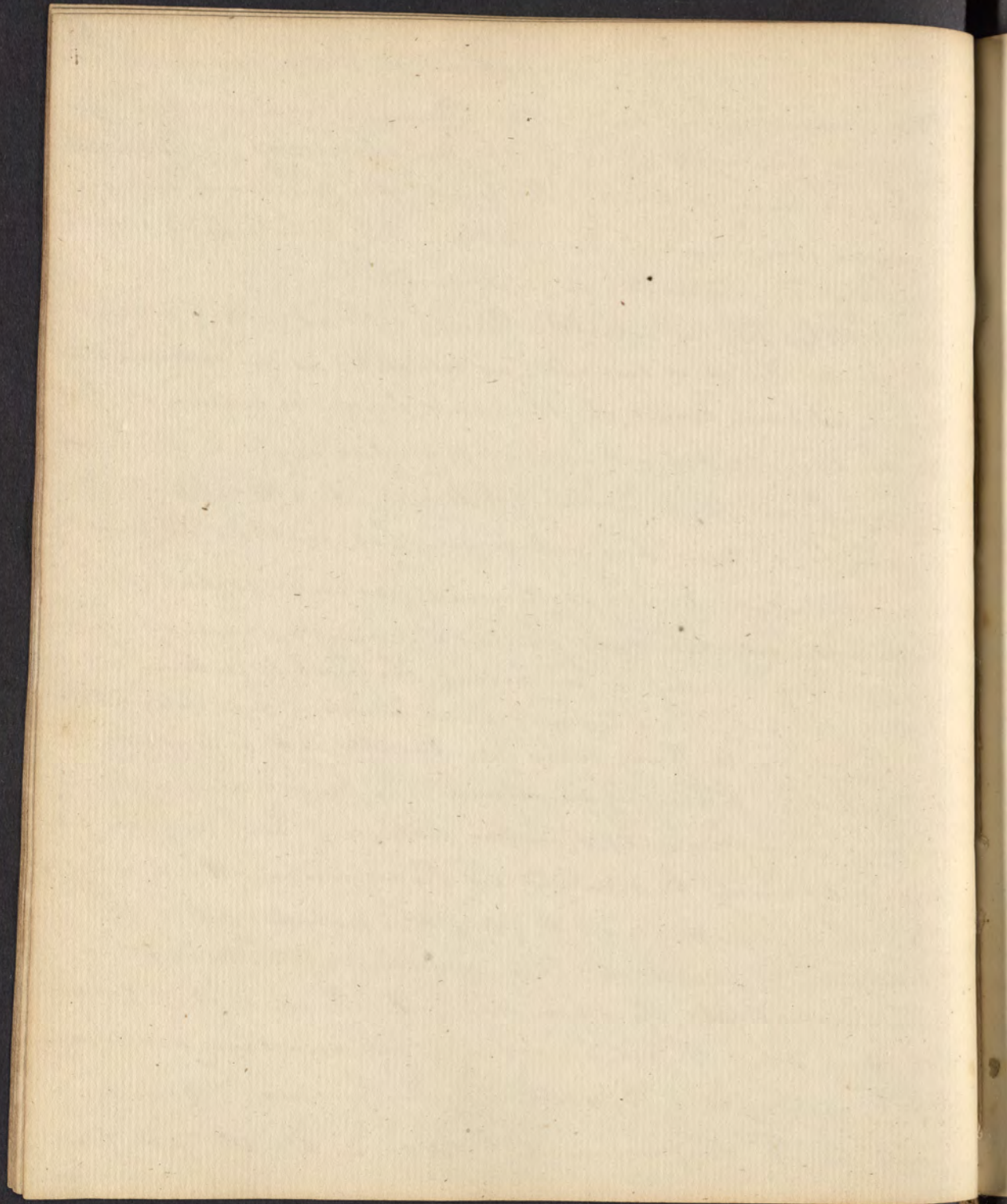
'Tis so malignant fever what Pneumoniola is to Pneumony - You will readily see the absurdity of Doct. Bullen's different kinds of Gout. The Gout is a monach which invades every part of the system. The whole body crouches before it. 'Tis unlimited in its empire. -

CURE. Be not startled Gent, when I talk of curing the Gout; For it is curable, as much so as an intermitting fever. I have cured it often and I hope to teach you to do the same. Let not superstition here say, we bring upon our heads the vengeance of Heaven in attempting to cure it for heaven has not taken that method to punish intemperance. For Lucea Beneroa, far more sinful, she has kindly interposed and sent us a sovereign remedy. -

It is not more necessary in curing the Gout to induce a fit of it in the feet, than to bring on an abscess to cure inflammation.

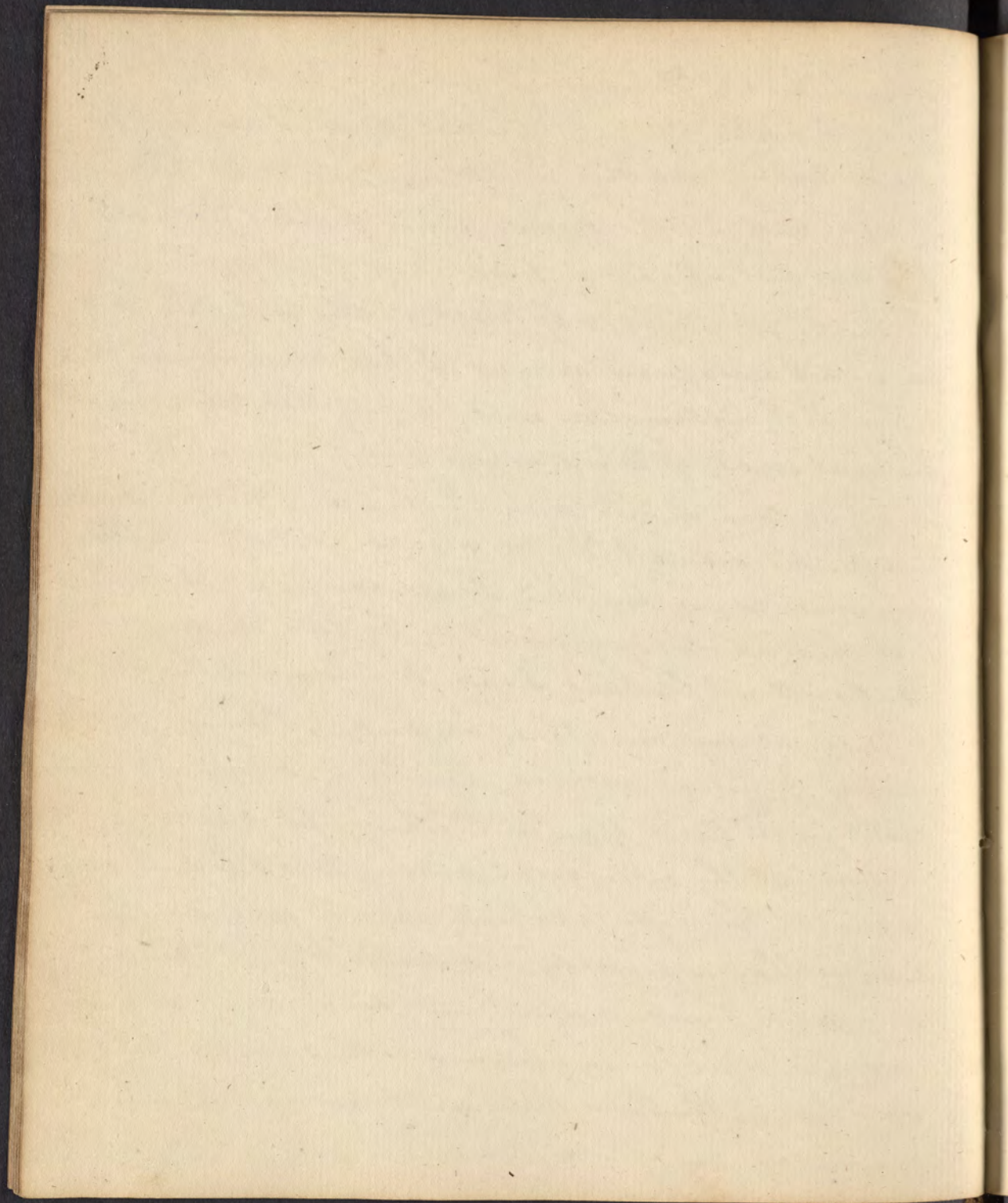
In curing the Gout we are naturally led to consider 1 The method to prevent an attack, The premonitory symptoms are Languor & nearly similar to those of fever in general, and may easily be removed by Pediluvium. Wine & whys &c. But these remedies will be altogether improper after the formation of an attack. These symptoms all appear when the Gout attacks the extremities. 2 The method of curing the Gout when the fit has taken place and there exists violent action, is 1 Bloodletting. 2 Purgings. 3 Vomiting.

4 Nitre. 5 Abstinence. 6 Cold air. - Startle not Gent, when

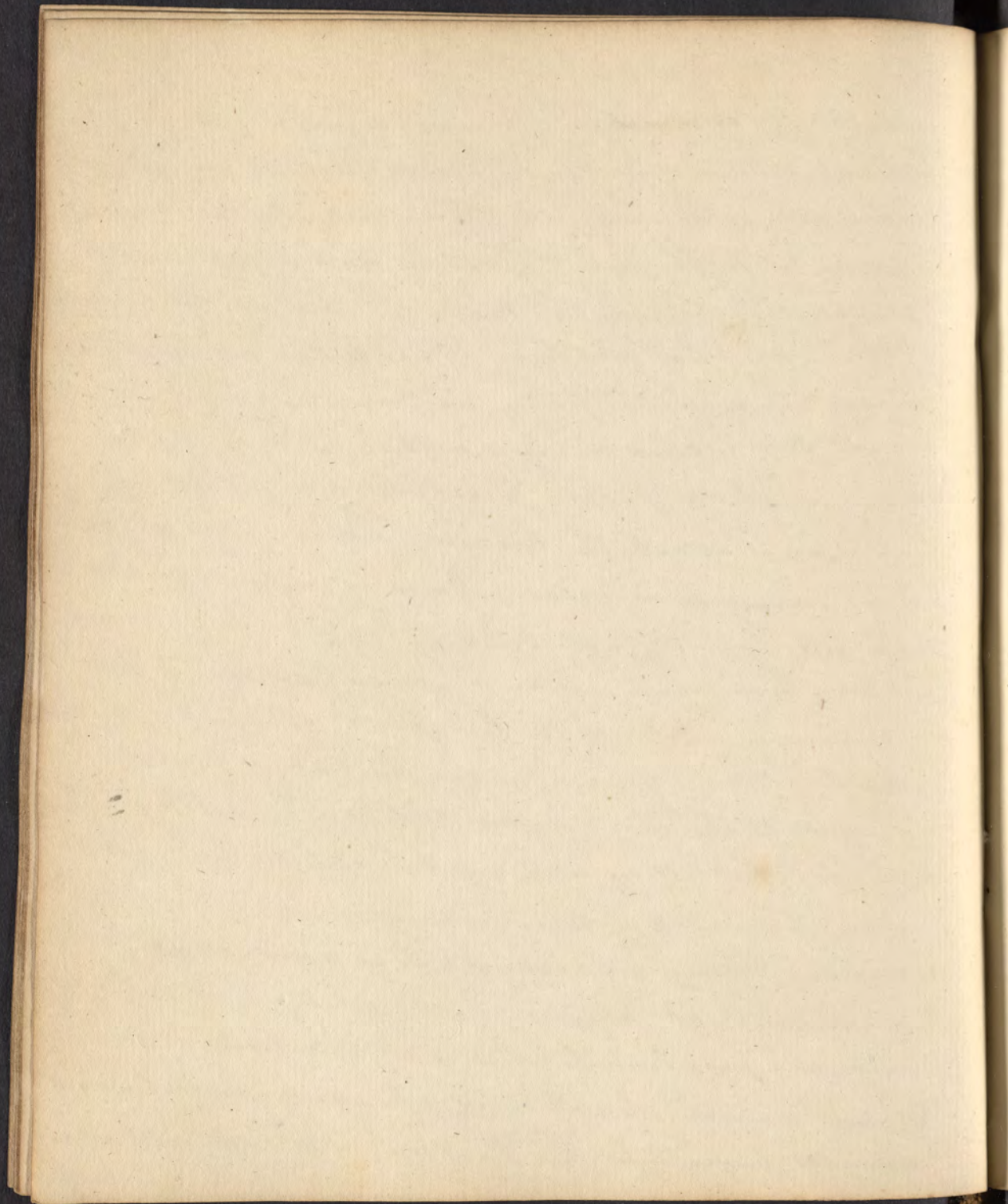


when I speak of Bloodletting as a cure for the Gout. I have bled often and with the best effects. I am not singular in my practice Doct. Sydenham and Doct. Lister bled in this disease before I did. Bleeding has travelled up hill in fever as in Gout for many years. It has been condemned by Doct. Cullen as highly improper in all contagious diseases. Experience, however, has proven that inflammation exists in all those diseases, and the real utility of Bloodletting. Is not debility the predisposing cause of this disease? and will not bleeding increase the debility? By no means. All other inflammatory diseases are preceded by debility and yet how useful, how absolutely necessary do we find bleeding. — But will not bleeding dispose to a return of the Gout? It will not any more than bleeding in Pleurisy will dispose to future attacks. Bleeding is more loudly called for in Gout than in Pleurisy, for it falls with violence on the more vital parts. It is I believe more frequently the cause of calculi when it attacks the Kidneys than is generally suspected. Banish then all your former prejudices upon Gout, 'tis no sacred disease and there is no sin in handling it thus freely. I have long been in the habit of ranking it among the most simple and curable diseases. —

Gout



Gout has been supposed to be inflamitory only when it attacks the *extremities*. and that when it attacks the viscera it is atomic Gout. 'Tis no such thing - Physicians stimulate when the Gout attacks the viscera to drive it to the feet. This is by no means necessary. Bloodletting will do the same. The pulse will always inform you what you have to do. You will frequently discover the disturbed pulse, as much so as in a malignant fever; Bleed and you will raise it. Every circumstance which can justify Bloodletting in the yellow fever when it attacks the viscera, will equally do it here. The wandering or misplaced Gout is frequently carried to the feet by one single bleeding. I have bled to remove the Heetic fever which sometimes attends Gout and to prevent its recurrence and with the best effects. Remember it is proper to bleed in Gout, let it affect whatever part it may, for it is still the same inflamitory disease - The good effects of Bloodletting here, are, 1 It removes pain. 2 It prevents effusion 3 it removes a paroxysm. There will be I hope a time when it will be as disgracefull to let these effusions take place in Gout, as it is now to let a malignant fever turn to what is called a putrid one. - The next remedy mentioned is 2 purging, Sulphur is generally preferred for this purpose; It is supposed to have

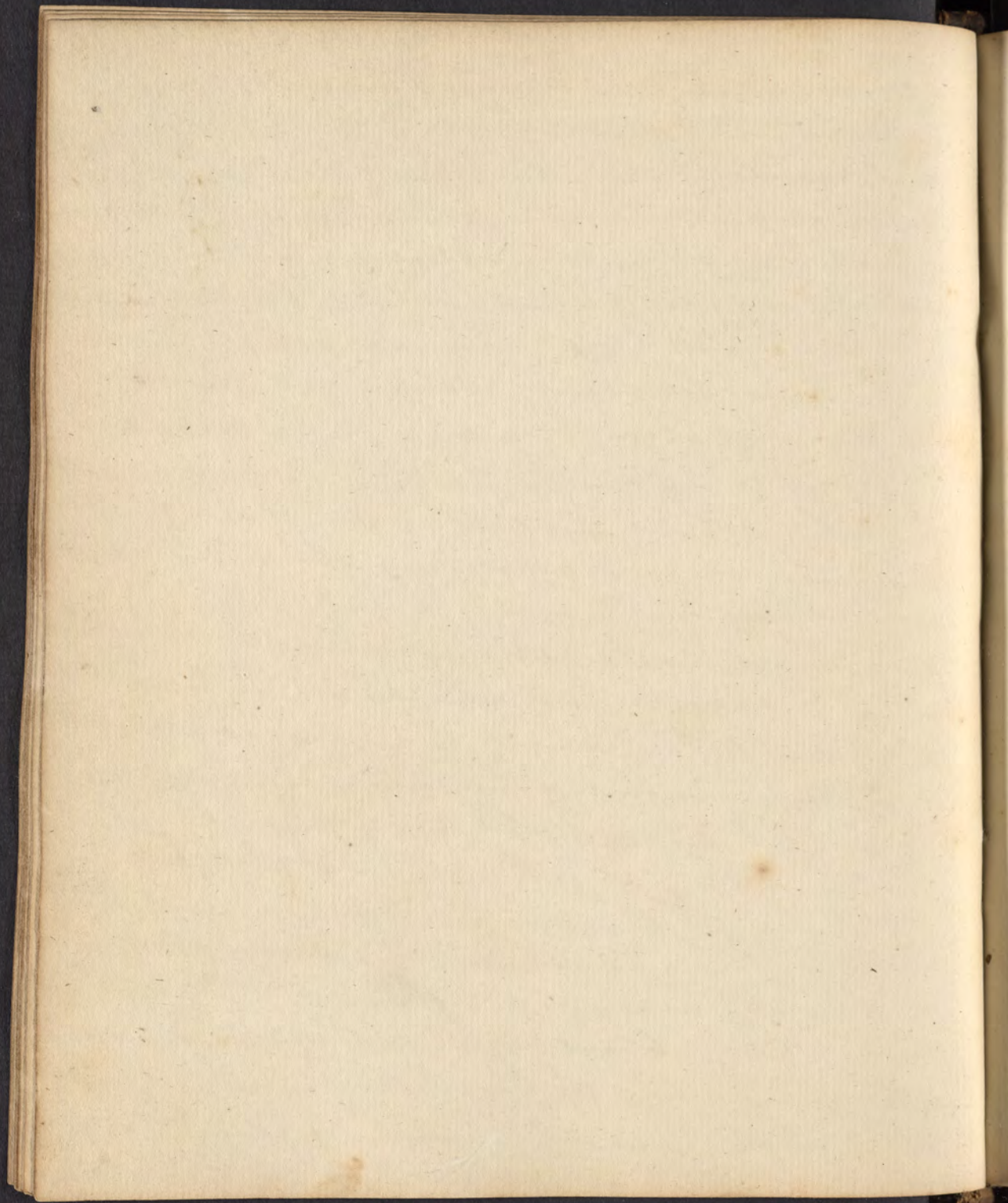


a specific action. Other laxatives however I can conceive will answer equally as well. 3 Vomits. They are useful when there is only a moderate action. Doct. May says they are serviceable by removing an acid from the Stomach. They act by taking down inflammation and diffusing it through every part of the system. They should not be used when there is a local determination to the Stomach or head. 4 Nitre should always be given except when the Stomach is affected. 5 Cold air, The limb should be kept out of the bed clothes. Cold Water may sometimes be applied. Flannels should be avoided. Remember I recommend Cold air and Water only when violent action exists nothing can be more rational. -

6 Diluting liquids, so as to bring on a moderate diaphoresis. 7 Abstinence from wines, Spirits, hearty meals, &c. 8 Blisters. They are valuable, they are like and as effectual as the cauterii or knife to those tumors called Noli me Tangere, which from neglect become incurable cancers. They should be applied to or near the affected part. -

The late Doct. Chalmers first informed me of their good effects; they never do harm, they always as certainly afford relief as they do in a Pleurisy. - Is sweating proper? No, where bloodletting could be used. Is Opium proper during a fit of the Gout? No it is not unless after the use of the lancet. Are any other local applications

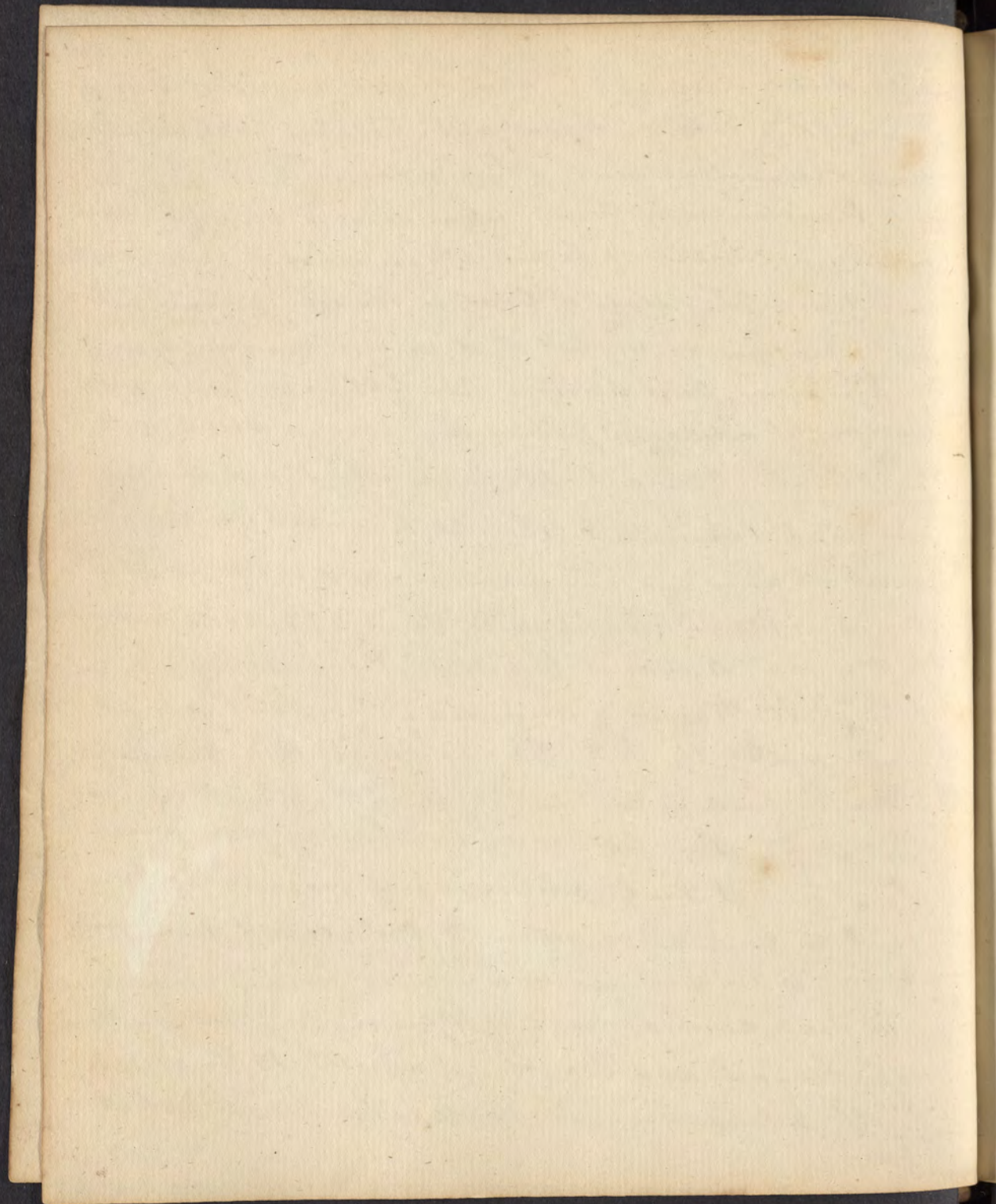
except



except blisters serviceable? When blisters are objected to I have applied cabbage leaves and Molasses with advantage Stimulating Liniments should be avoided.

9 Caustics may be used when there is violent morbid action. — Method to be pursued in what is called Atomic Gout. This state of Gout is the consequence of too little Bleeding or neglect of it in inflammatory Gout.

The atomic Gout however like Typhus comes on with symptoms of debility; it follows the wearing down of the Tonic Gout. Attend to the pulse, when it is languid and weak Stimulants should be used. 1 Opium given in small doses and then increased gradually, 2 Spirit Wines, unless an acid prevails; there 3 Porter is preferable. If this fails 4 Ardent Spirits first given diluted and hot. Doct. Warner recommends Rye and it is very well adopted. viz. 5. Rye Raisins bruised ℥ss. Semina Zij Sem. Coriand. ʒj Ferriul. aa ʒij Rhub. ʒij Infus. in ʒft Call. ℥ij Cola et caps coch. mag. omni. years. here use L Laud. 6 Ether is very good when you wish an immediate action. 7 Col. Alkali from juice. rad x. 8 Oil of Amber it is of great service when spasms and Convulsions appear. 9 Opium, in Glysters when the Stomach and Bowels are affected. 10 Frictions with Volatile liniment to the Abdomen 11 Blisters. 12 Catap.



12. Cataplasms to the feet and upper parts. 13 Warm bath. End last of all the a Salivation. —

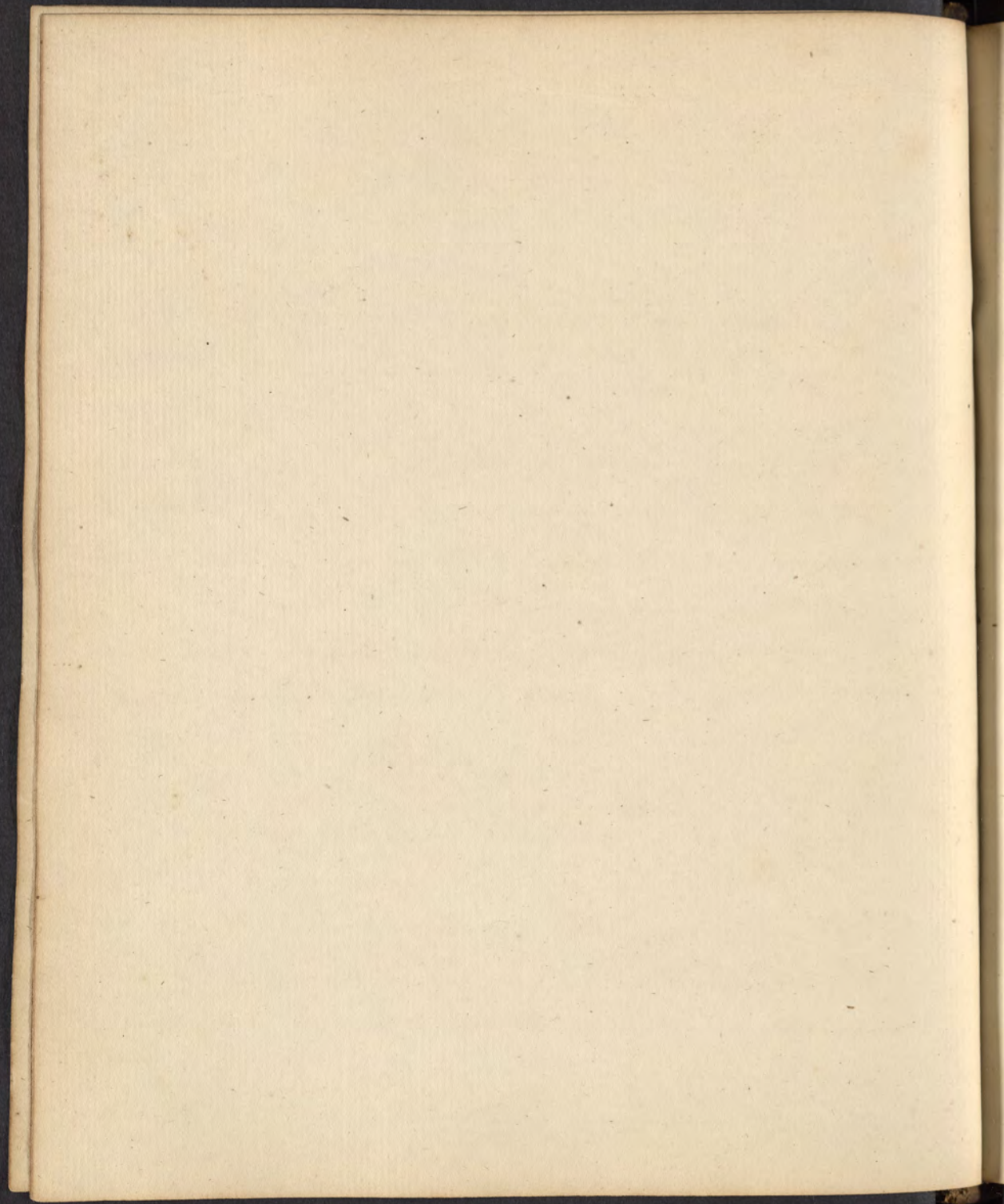
Means of preventing an attack of Inflammatory Gout. It occurs most frequently in the sanguineous temperament and under the 45 year of age. Remember that I do not believe the seeds of Gout exists in the body any more than the seeds of a Pleurisy exists after an attack of it — There exists nothing more than a pre disposition to the remote or exciting causes. —

1 Temperance, in a total abstinence from Wine, Spirits and animal food, attention to this part certainly eradicates it from the system when it occurs seldom —

A meal of fish may now and then be allowed, he may be indulged a little in the white meat, and a little Wine and Water. 2 Moderate exercise. It acts by giving Tone to the system. It should be moderate otherwise it will usher to an attack. —

Agriulture and walking are preferable when used moderately. Riding is not good as it acts partially not affecting the lower extremities. 3 General steady warmth should be attended to. Woollen and cotton should be worn next the skin. Cold particularly combined with moisture should be avoided. 4 Moderate

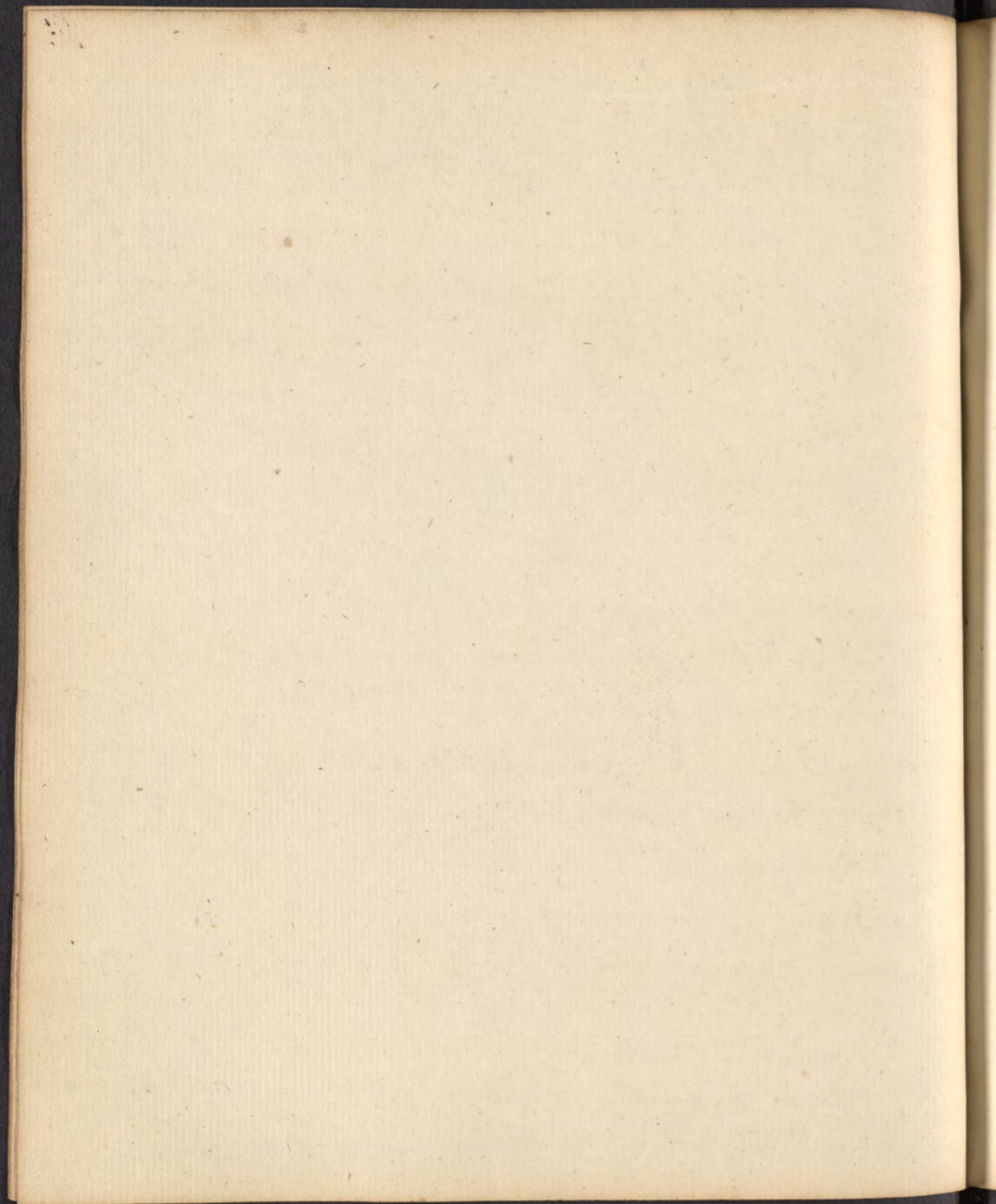
exercise



expression of the Passions and understanding. Political controversies should be particularly avoided. The understanding should be engaged in pleasing subjects. Patients should avoid the midnight damp by going to bed early. 5 Venereal appetite may be moderately indulged. 6 Costiveness should be removed by powdered Blainstone. 'Tis preferable to other laxatives as it has likewise an action on the Skin. A man who is subject to Gout should treat his body as if it were Glass.

There appears (Gent) something like Indian Devil worship in preventing Gout among Physicians, Some think it a folly to endeavour to prevent all other diseases but all bow before the Gout. - 7 Issues, are sometimes serviceable. Are Blisters proper in preventing an attack of inflammatory Gout? No. The Duke of Portlands powder destroyed nearly all who took it.

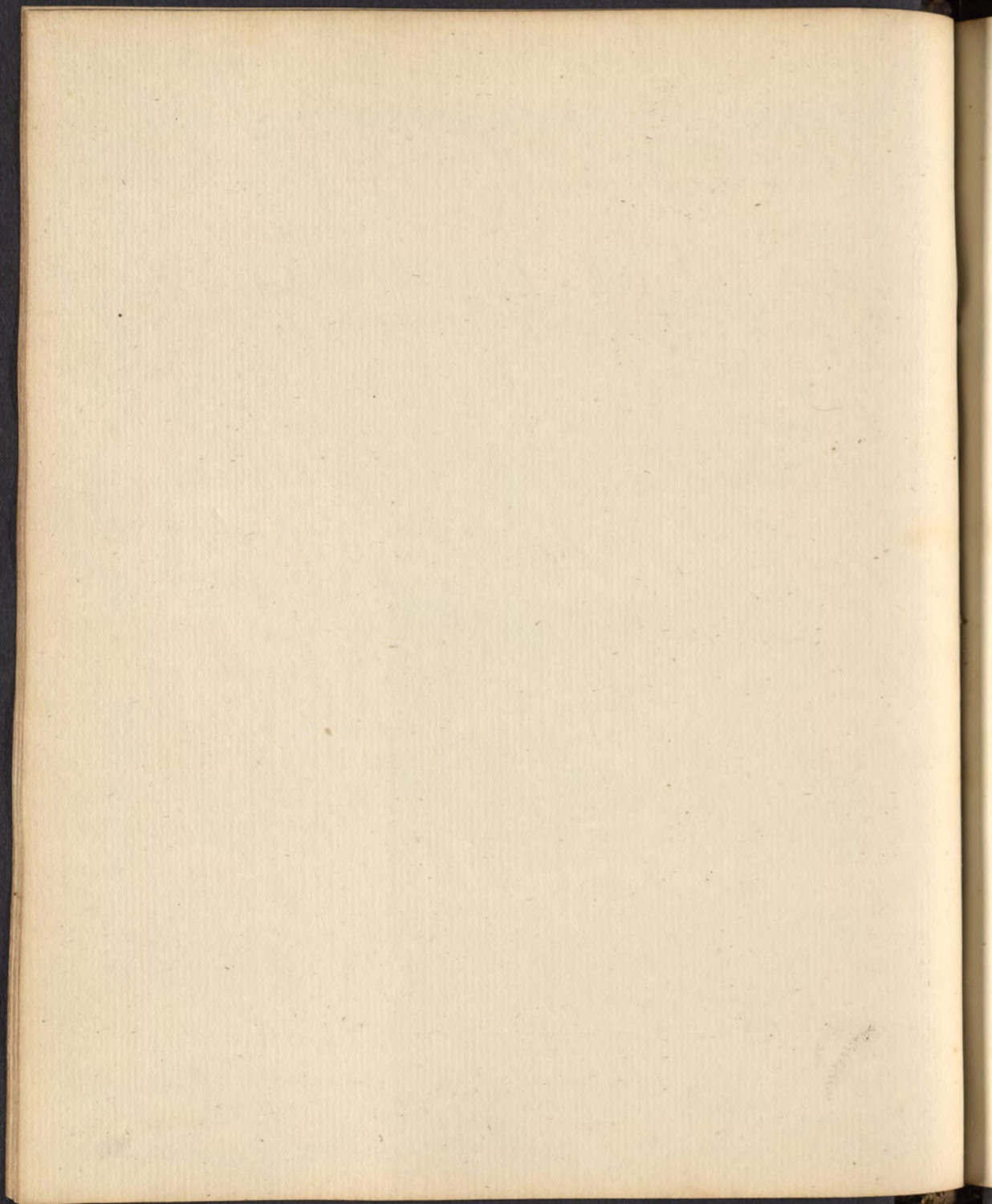
Means of Preventing atomic Gout are 1 Generous diet. 2 sound old Wine. 3 Frequent meals. 4 Salted food. 5 Chalybeates. 6 Blisters in moderate quantities. 7 Volatile tincture of Gum. Guaiacum. 8 Garlic. 9 Warmth applied generally. 10 Warm bath, and sometimes 11 the Cold bath. 12 Exercise, in journeys best.



13 Frictions. 14 Laxatives, Sulphur should not be used. Rhubarb with Orange Peel infused in wine is well calculated for this purpose. 15. The passions & understandings should be moderately exercised.

Skill in Physic depends on the mode of properly timing remedies, for there is a time to bleed and a time not to bleed. There is a time to Stimulate, a time to Purge, a time to vomit &c.

6 Malarial state of fever. I enter on this subject gently with uncommon pleasure, for I hope to make its proximate cause the same and its nature as simple as any other state of Fever. I was once led to believe its seat to be in the mind and considered it as a *Noli me tangere*. Dr. Cullen taught me to place its seat in the nerves. but from very bad success in treating it I was obliged to abandon that theory, and now consider it as wholly seated in the Blood vessels, It is precisely similar to the most common Inflammation. Those patients who labour under this disease you will always find upon inquiry, first complained of pain in their forehead. There is a quick, full, frequent and tense pulse in the wrists. I scarcely ever met with an exception

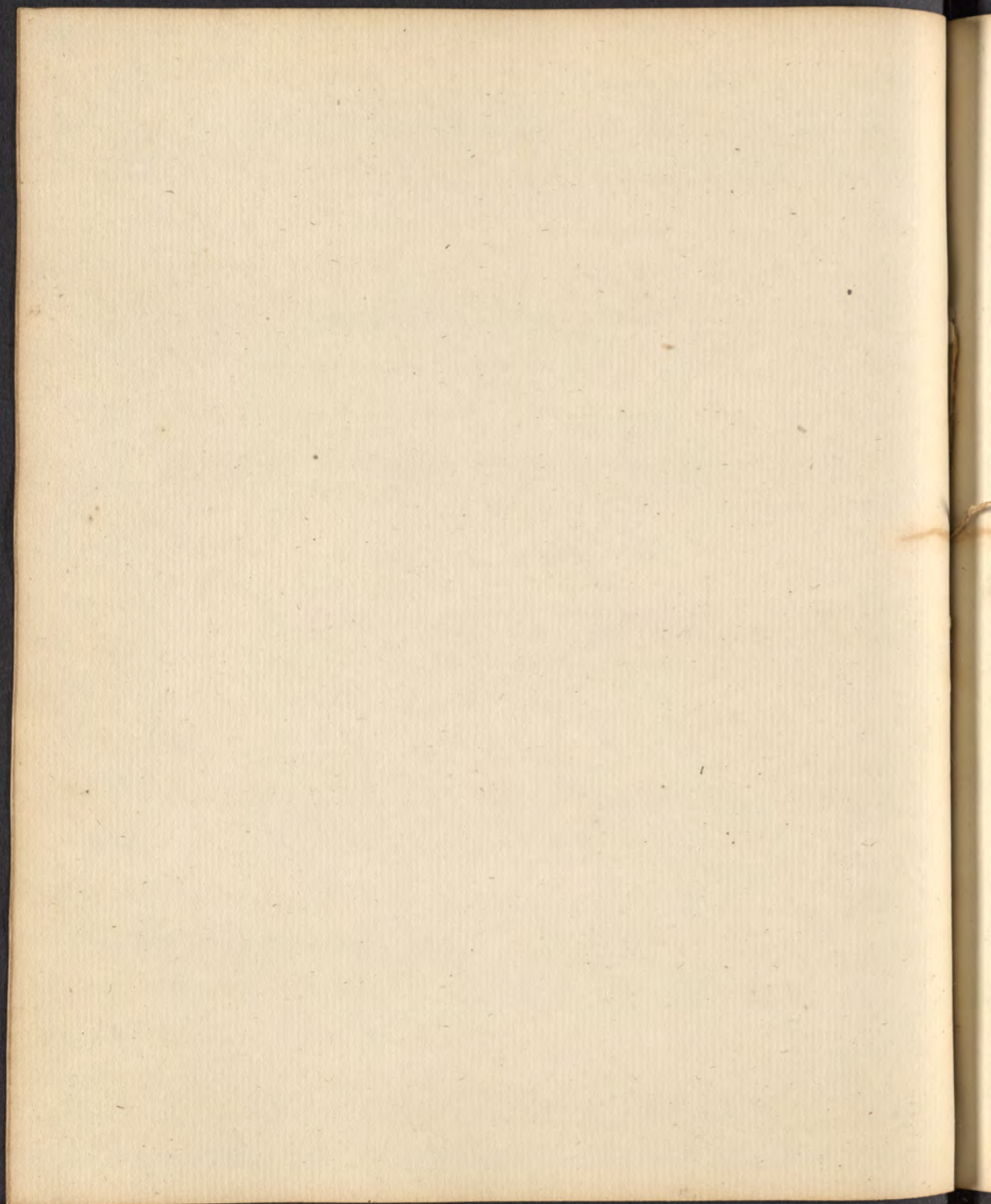


to this. Wakefulness is a sign of fever, this we know takes place in Madness, - The white Tongue which occurs in inflammatory fever occurs here - Blood drawn shows high inflammation, sometimes dry, but more frequently puts on signs of the highest inflammation.

Sinifer is seated in the bloodvessels from its cause. It occurs at those seasons and time of life when other fevers are most common. It occurs in the Brucal emation and they may be supposed to have but little mind.

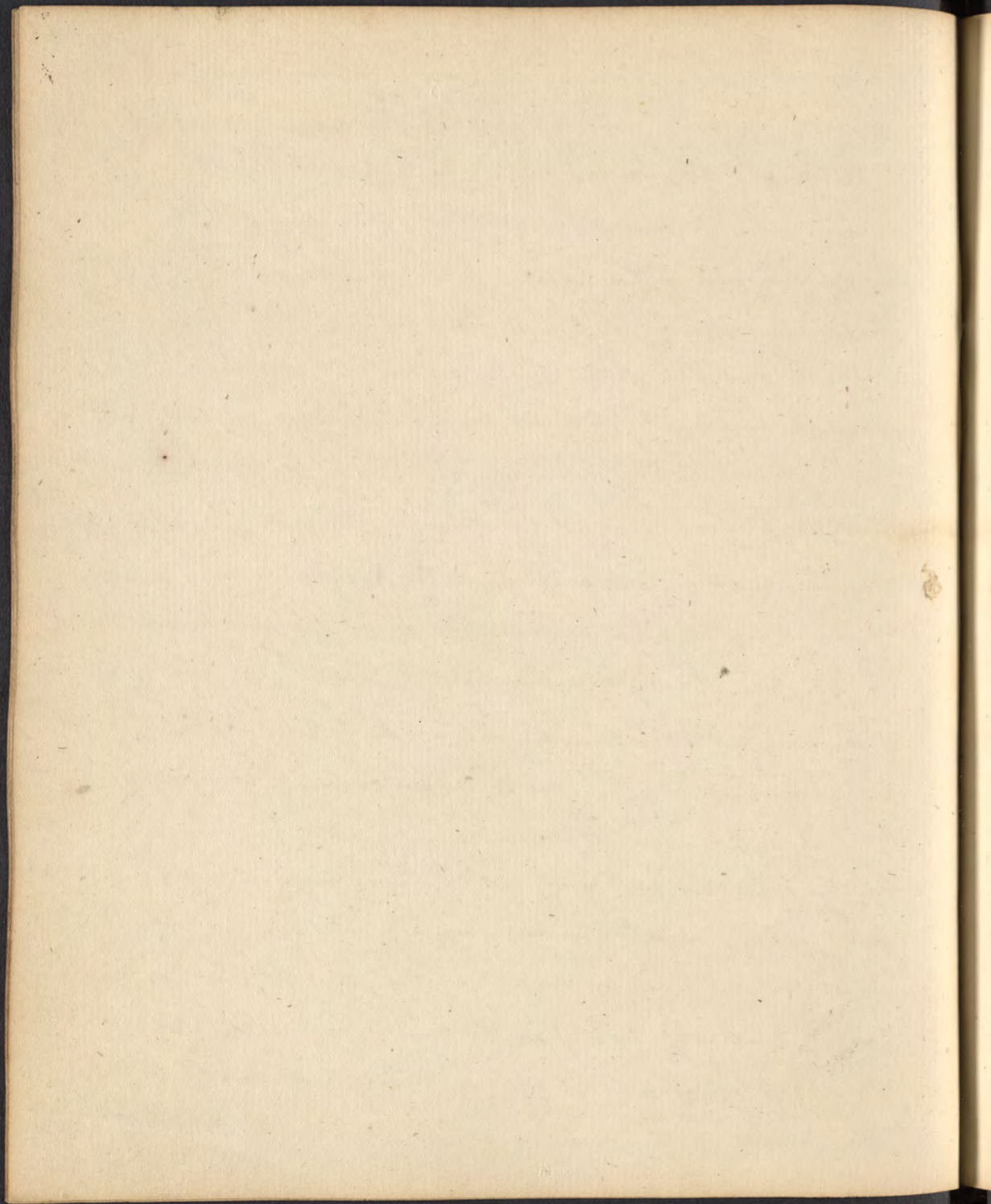
The CURC is the same as in other fevers.

Sinifer is also from its allumation with other diseases of an inflammatory nature as Rheumatism, Consump- tion, Puerperal fever &c. Also from some states of the pulse occurring here as in other fevers. Sinifer is to be seated in the Bloodvessels also from compression of the Carotid artery producing temporary suspension of it. - Also from no marks of inflammation being found on dis- section when it has been cured by translocation - From remissions taking place as in other Fevers; from ter- minations similar to that of other Inflammations; as rigidity, effusions of Water, Pus, &c. being found after death. That there are corpses after death that show



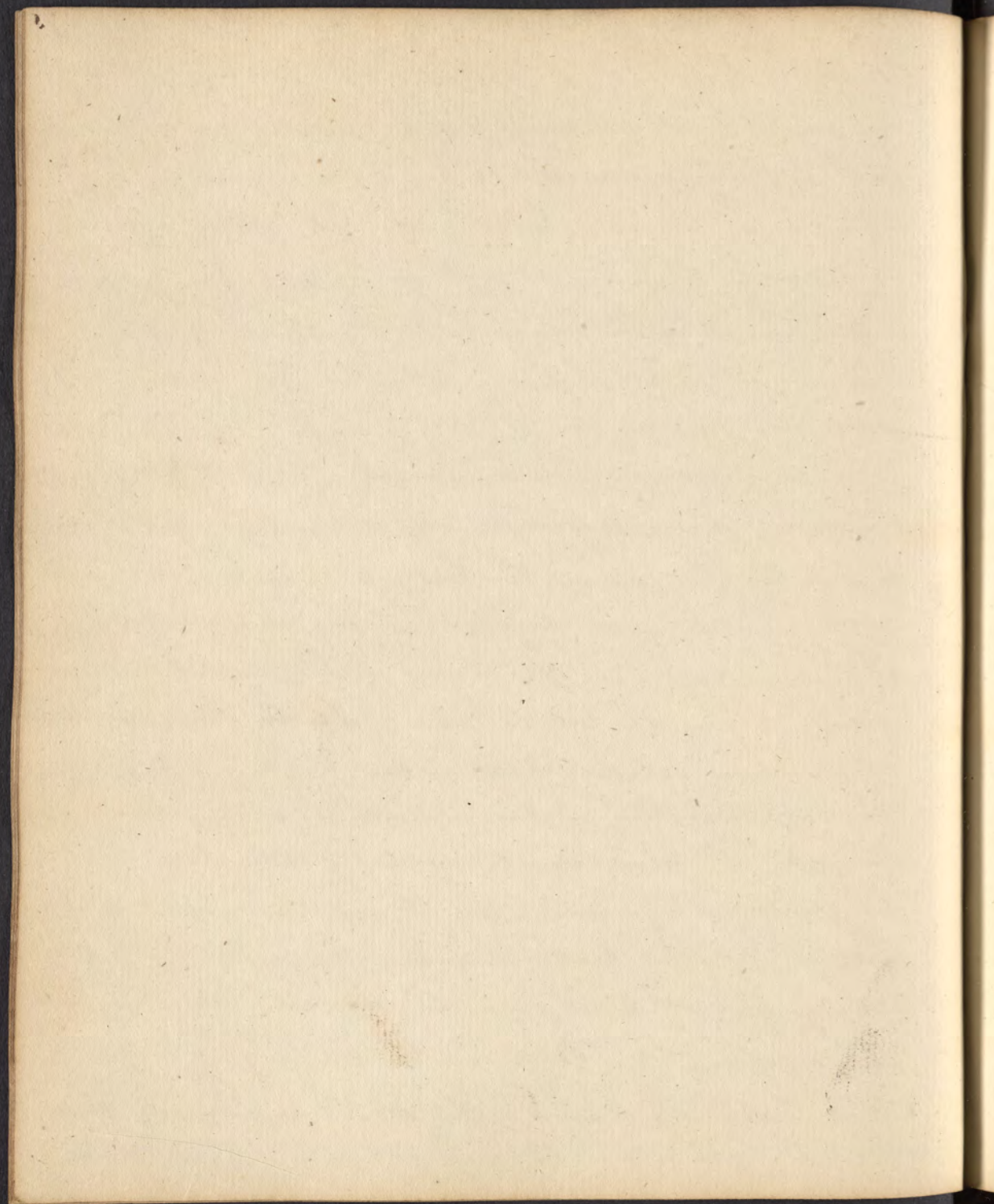
no marks of inflammation we will readily admit, because we know morbid action is often so violent as to go beyond inflammation. It appears therefore that mania is a true inflammation of the brain. It is in fact a chronic Phrenitis. It is to Phrenitis what Rheumatism is to Rheumatica. - Disordered liver with its morbid secretions are very often found in this disease, hence the ancients absurdly supposed it to be the seat of the disease, & its owing to the action of a general fever. - I conclude then there can be no mania without an Inflammation of the Brain. - I consider derangement as a departure from the natural order of things, Mistaken perception is the highest grade of disease. False judgement with a just perception is a low degree. - There is a derangement of will, memory, &c. Derangement is sometimes seated in the moral faculty and the passions. All their different grades depend upon morbid action in the Brain. - There is in some diseases an abstraction of all the faculties called fatuity and Idiotism. You will now Gent, see how necessary it was to treat properly of the faculties of the mind in our Philosophical lectures. -

Remoti



Remote Causes, are such as act by inducing, 1. Direct debility in the bloodvessels of the Brain. Indirect, are such as induce debility through the medium of the Brain and Nerves. Intense thought often induces derangement in the understanding, as Theological, Metaphysical, Arithmetical &c. Love, Grief, Gaming, Debt, Losses, Intemperance and numerous other causes occur in producing this disease.

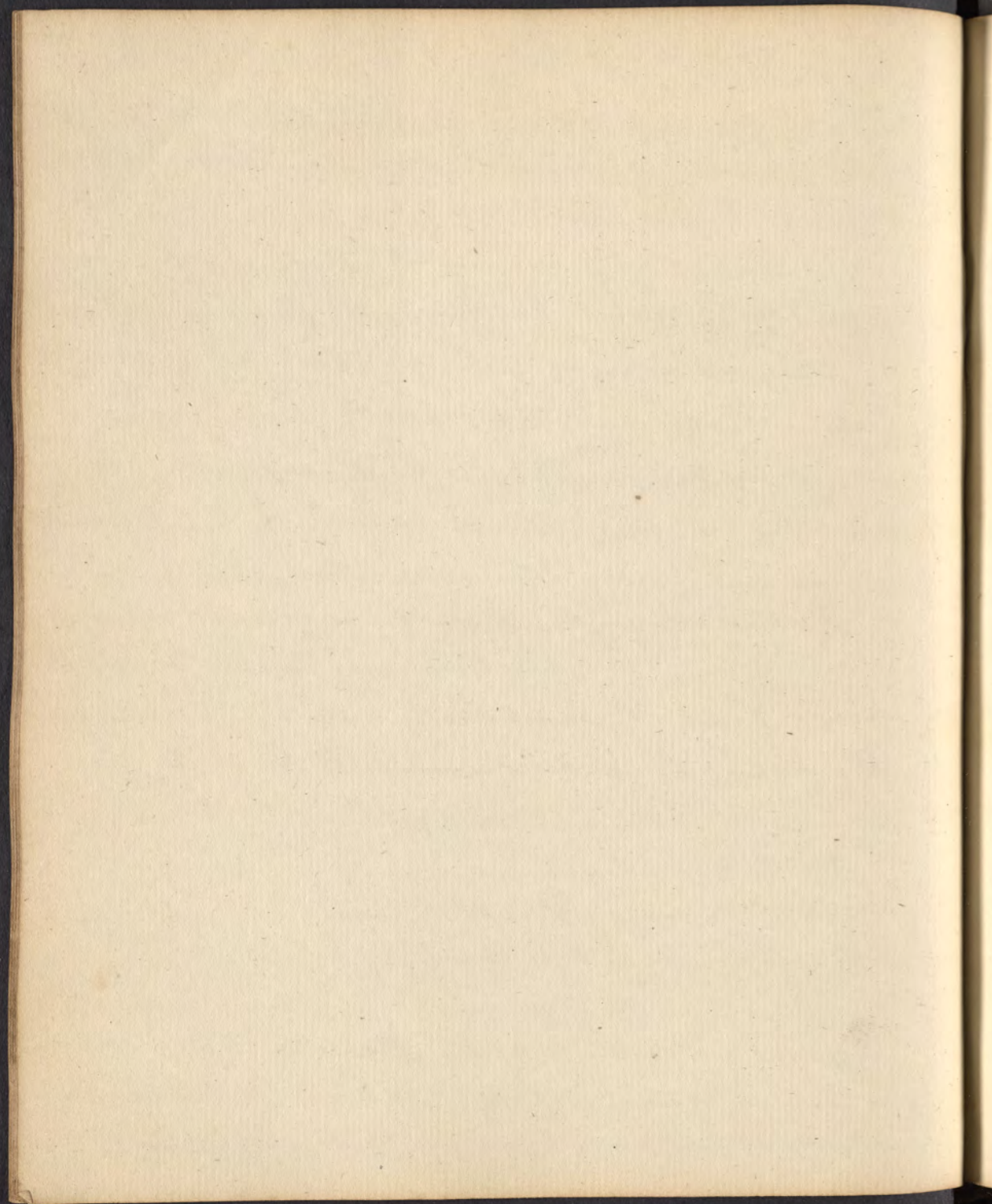
In times of revolutions diseases of the Brain are much more frequent. Apoplexy once was epidemic from this cause. The turbulent state of France for this many years has produced many instances of this disease. In the times of Speculation this disease frequently takes place. In the eastern Countries this disease is scarcely known but fatuity is frequent; The mind here dies as it were from the abstraction of Stimuli. Mania most frequently takes place in Sanguineous Temperaments. It seldom occurs under puberty; Here the predominance of irritability over sensibility protects such from the disease. Old people are unable to have it. Between the 20.th and 45.th Year it most frequently occurs. This shows its near connection with



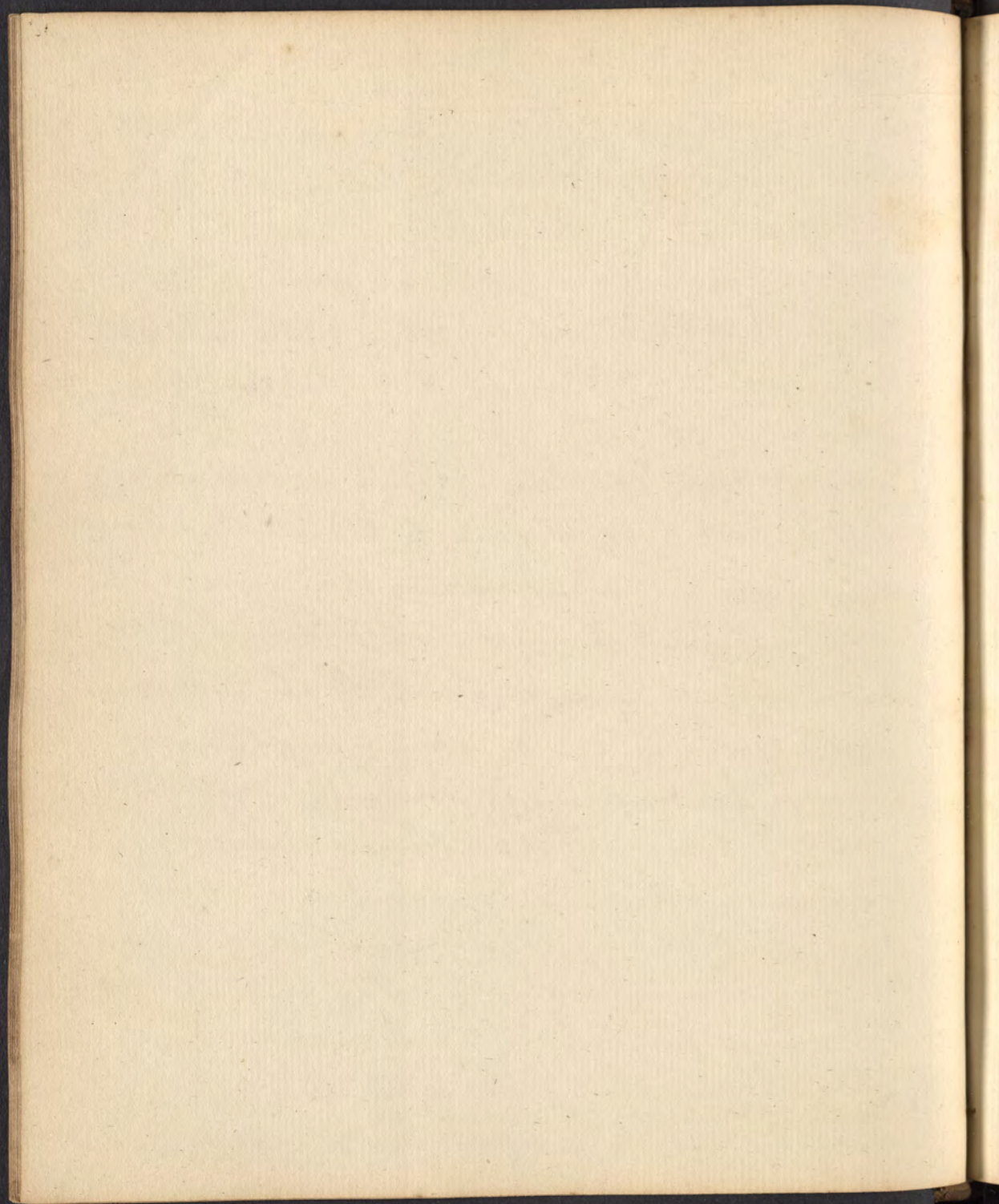
with the Bloodvessels. The Moon has a particular influence over this disease hence the term *Lunatic*. The different states of derangement appears in the forms of
 I *Hypochondriasis*, This is produced from repelled eruptions, retained mucus &c. The first symptoms generally appear in the Stomach, producing Heart-burn, *Dyspepsia* &c. 2 In the Bowels producing Cholera, Flatulencies, Diarrhoea &c. from thence it often travels to the Brain producing moderate vibrations and the patient considers himself dying or even dead and a thousand other inconveniences.

Hysteria resembles *Hypochondriasis* in almost every respect. It differs from it in degree. *Hypochondriasis* being the most violent state. The treatment also differs. *Dyspepsia* seems to be the state that connects these two diseases together. —

Cure, *Hypochondriasis* is cured by such remedies as act directly upon the Body as 1st warm bath 2^d Warm drinks as Coffee and Tea which appears to be very proper as the first symptoms of the disease is frequently a coldness at the Stomach 3^d Opium, this divine medicine is the principle consolation to *Hypochondriac* patients, hence called "*Medicina Mentis*." —

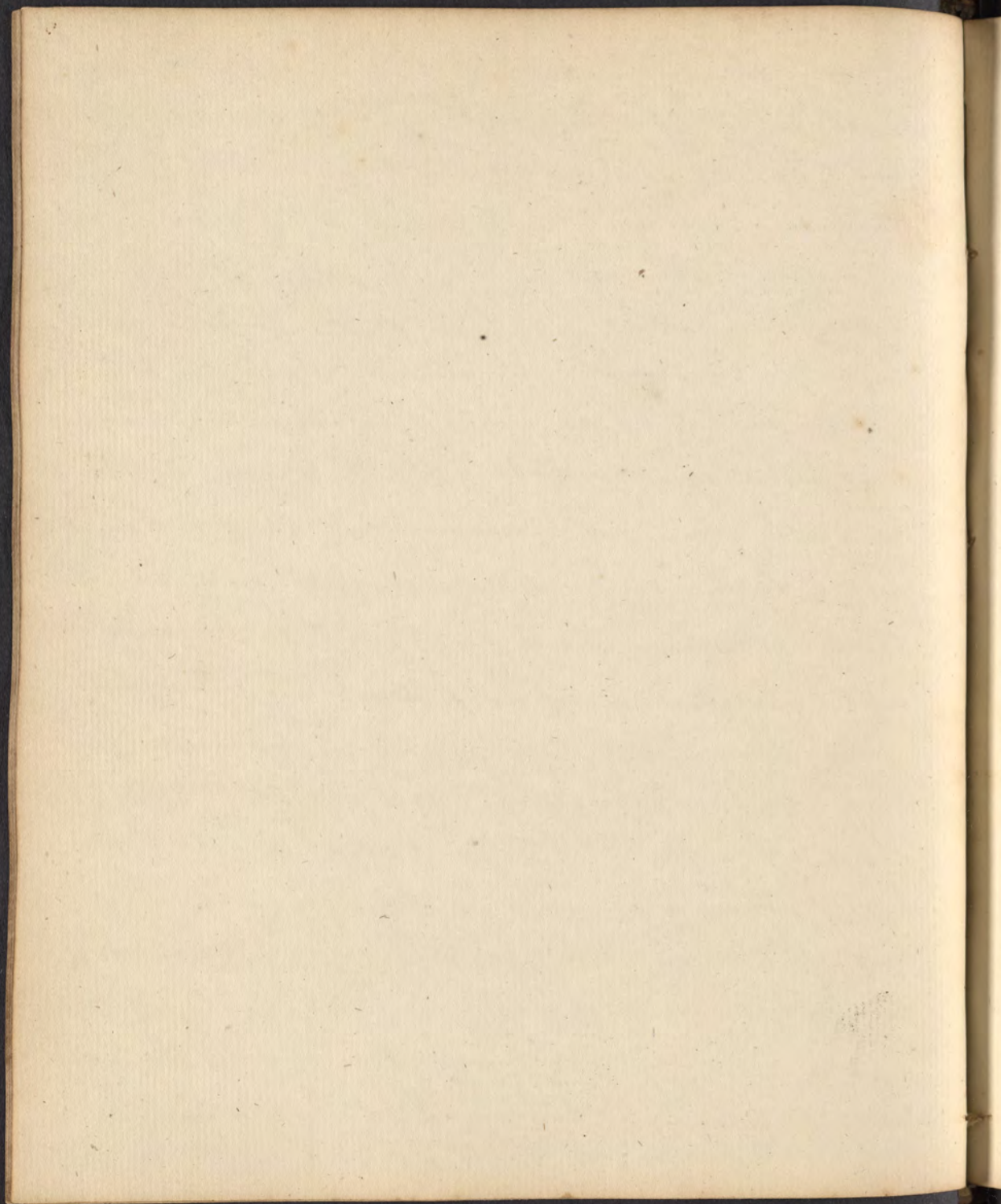


4 Ardent Spirits have been resorted to by the patients for relief, but here the remedy is worse than the disease.
 5 Music of the Chopin kind. 6 Salivation should by all means be tried after other remedies have failed. it translates morbid excitement from the Stomach, Bowels and head (so often the seats of this disease) to the mouth. 7 Exercise. 8 Restoration of eruptions if the disease be connected with their repulsion.
 9 Cold Bath, after some degree of excitement has been restored to the system by the previous use of warm bath. — Is bleeding ever necessary or proper in this disease? I answer not often, but when it is you can easily distinguish by the pulse. — Dyspepsia which is so often a troublesome symptom in this disease should never be neglected. — Your should remedy it by the use of magnesia, Blisters, Alkaline salts, animal diet &c. but of this I shall be more particular in its own place.
 II^d Those which act indirectly on the body through the medium of the mind. — The patient fancies himself labouring under every disease in the Nosology; he entertains a false judgement in his Physician, hence

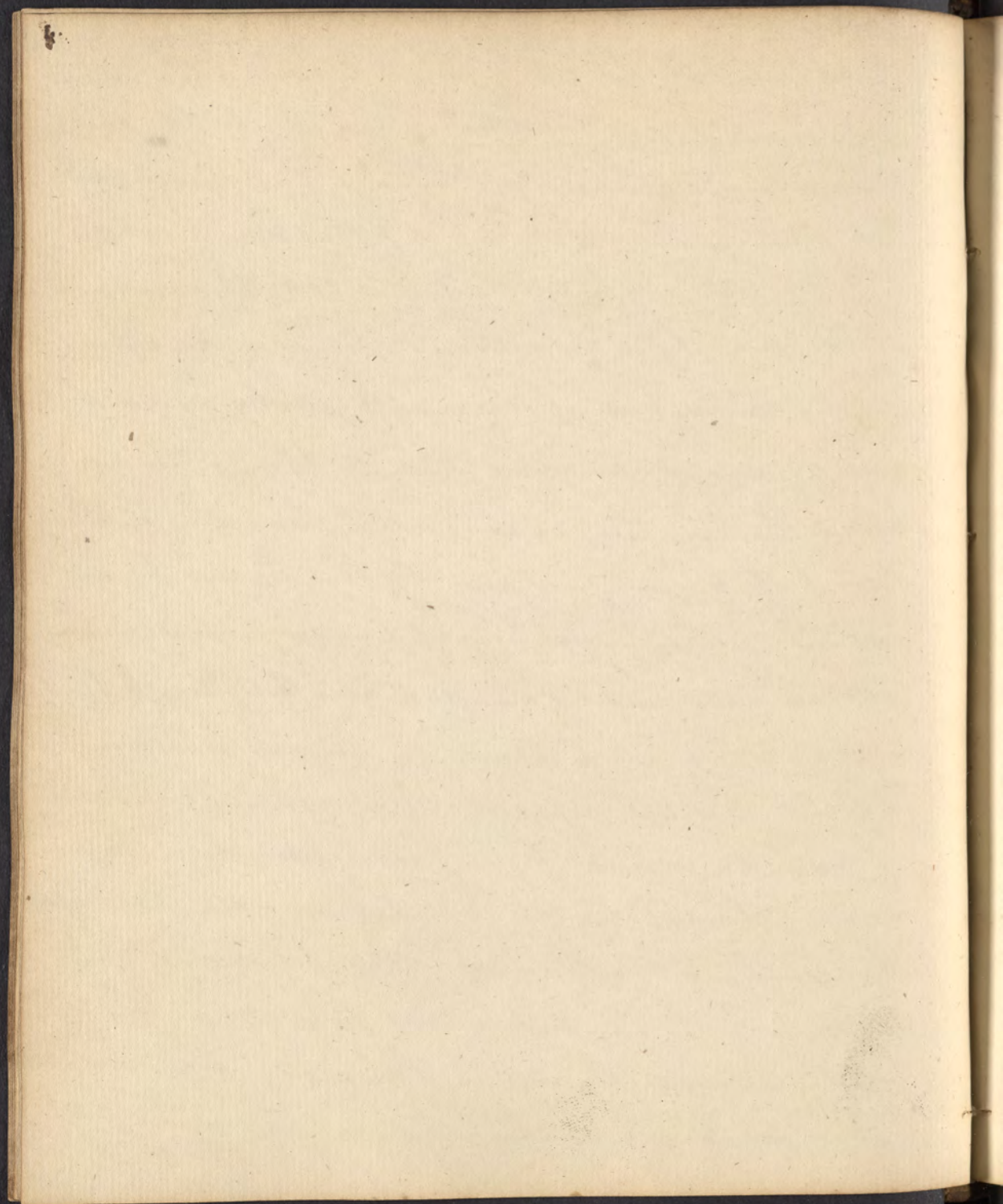


he runs the whole round of Physicians in his neighbourhood, still putting unlimited confidence in the last. He will sometimes fancy himself dead or transformed into Dogs, Cats, &c. Hysteria is the mildest disordered state of the mind; It however always leads to Hypochondriasis; hence the resort to a knife, a river, halter &c. Considering the dreadful nature of this disease we should by no means treat our patients discoveries as imaginary but real. 1 The Physician should always be grave in his presence and listen to him actively whilst relating his various symptoms, You should be wary of treating his disease slightly or dropping a word to that effect among his friends or acquaintance. —

2. Amusements of every kind that will amuse without fatiguing should be attended to carefully. Man was made to be active. 3 The sudden excitement of some passion. There is an instance of a man who, laboured under this disease who fancied himself dead and shrouded. He gave directions that the Bell should toll his departed soul. The Bellman knowing his situation instead of giving it the usual solemn tone, gave it
/ quick



quick lively strokes; the sick man quite enraged
 jumped up, tore off his shroud, ran up, kicked the
 Bellman down stairs and began to toll gravely his
 departure. — The passion of anger that was here excited
 perfectly cured the patient. 4 If debt be the cause we
 may be sure he is an innocent, honest man for no
 dishonest man ever yet became Hypochondriac or
 troubled from contracting debt. We should therefore
 advise them in these cases to avail themselves of the
 laws of the Country. I have by this means I am
 certain seen many miserable persons perfectly restored
 and rendered useful and valuable Citizens. 5 If it
 arise from love advise absence or *benam Amicam* i.e.
 a second mistress. 6 If from grief advise a convention
 of pious Clergymen. 7. The production of a new associ-
 ation of Ideas, change your patients room, his dress,
 his company &c. Matrimony if practicable should
 be resorted to. The substantial pursuits of this state
 of life prevents the action of the exciting cause. —
 9. A journey to warmer climates. Why destroy the
 gold

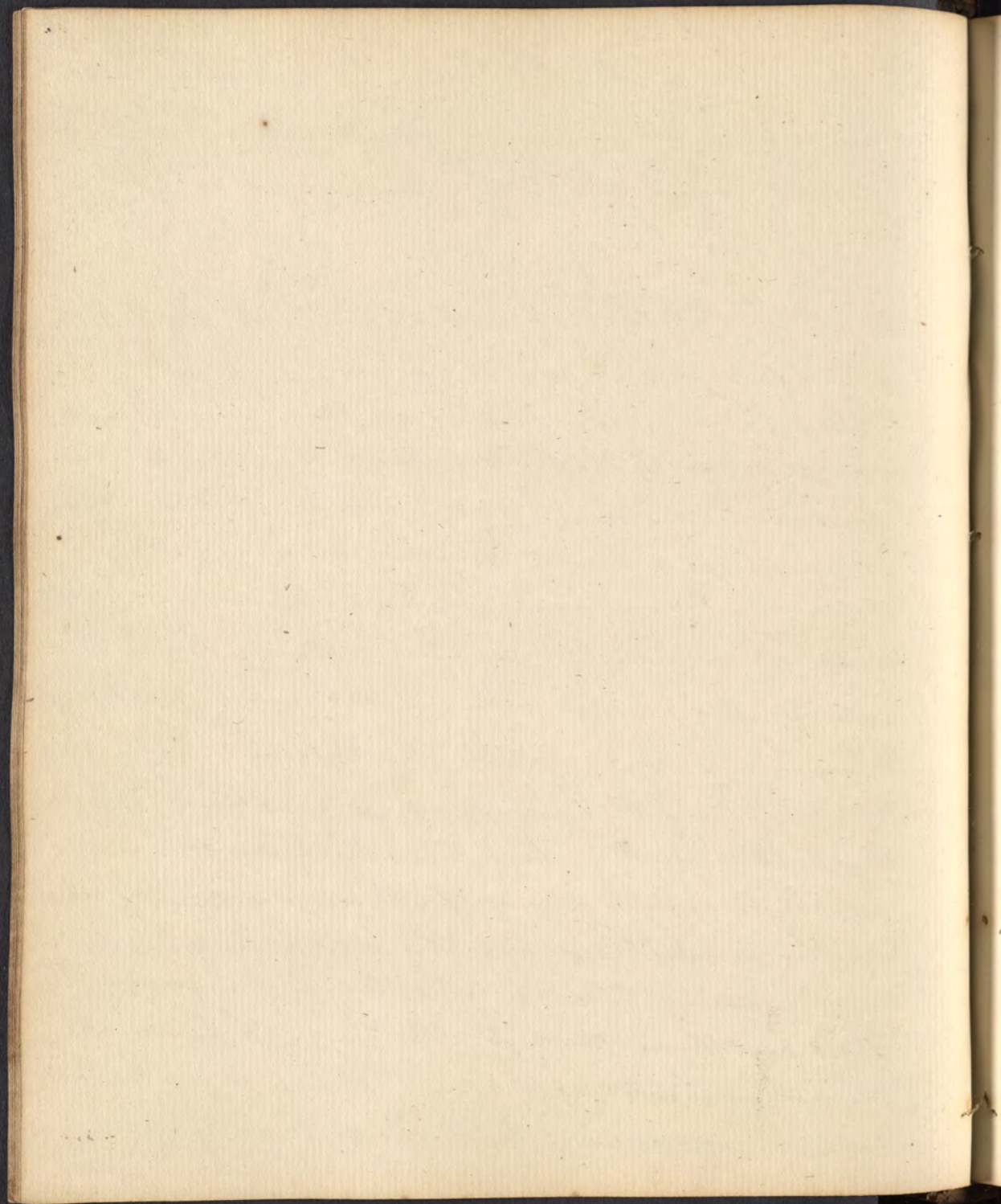


old association of Morbid Ideas, by presenting new objects, and a new companion should accompany him
 10 Direct your patients when solitary not to be Idle, if vice versa. —

III. Melancholia or Insania Particulis, I define it to be a false perception of things or a false judgement of the relation of things that are true. — There are various kinds of the best degrees of Mania, As the Democratic mania, the Aristocratical Mania, Monarchical mania, Hunting mania, Virtuous mania, Love mania, Ecclesiastical mania, Intellectual mania &c. — Distress seems to be the connecting symptom between Melancholy & Mania, This quidam is very common, The Alchemists, enthusiasts in religion &c. have all afforded instances of it. — Dyspeptic symptoms here leave the patient. —

The predisposing cause of Mania is debility which is either direct or indirect. This debility induces to violent morbid action. The Acute Inflammatory mania I will call Tonic Mania. The one with but moderate action I will call atonic mania. The paroxysmal symptoms of Tonic mania are, watchfulness.

justas

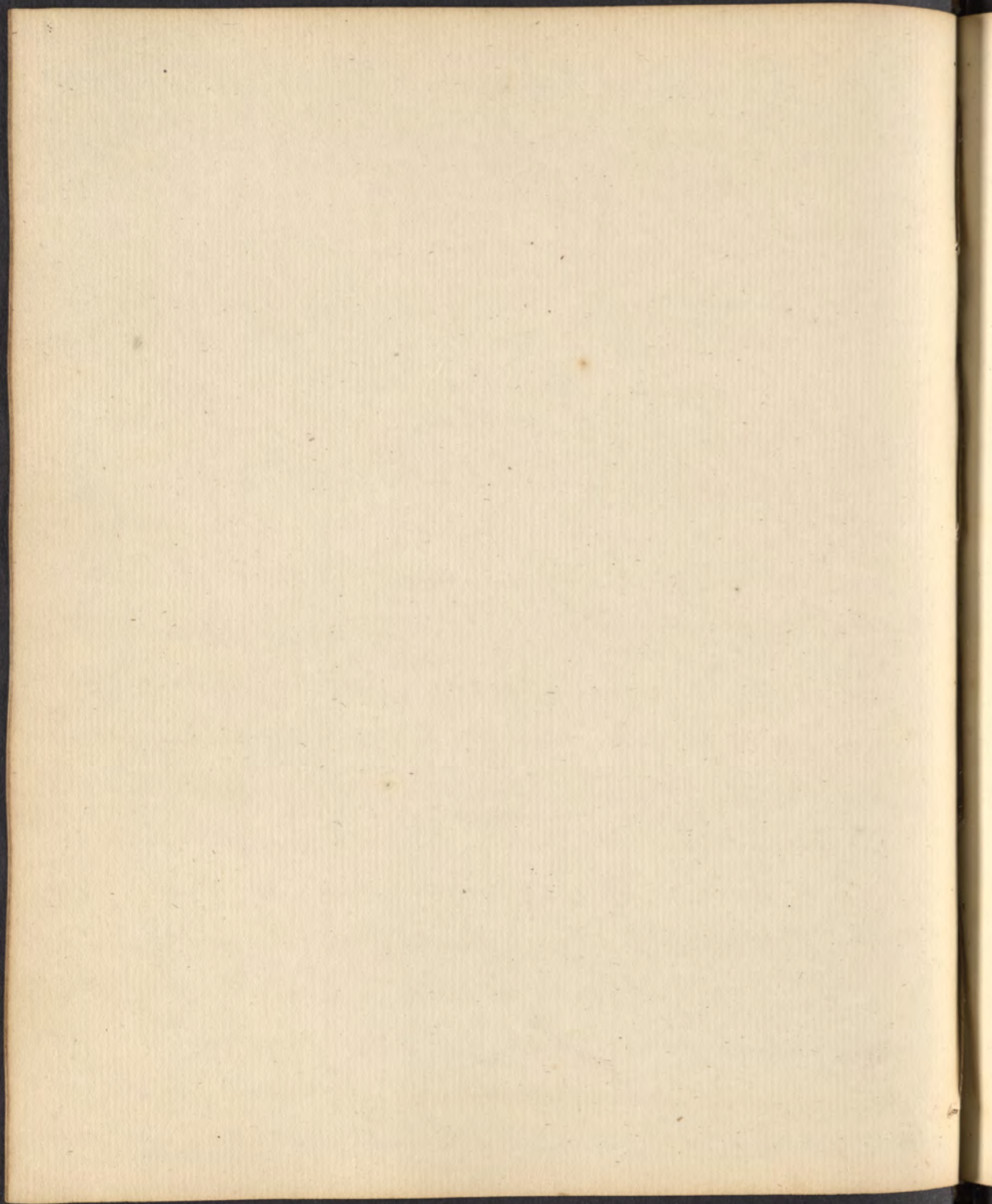


instability in every pursuit, Irascibility, costiveness &c.

The precursors of atonic madness are all the different symptoms of Hypochondriasis, Chilliness, Steady in his different pursuits, &c. &c. These two states only differ in degree. —

To remove the pulmonary symptoms of Tonic Madness, the patient should be removed from his pursuits, he should be reduced by purging &c. &c.

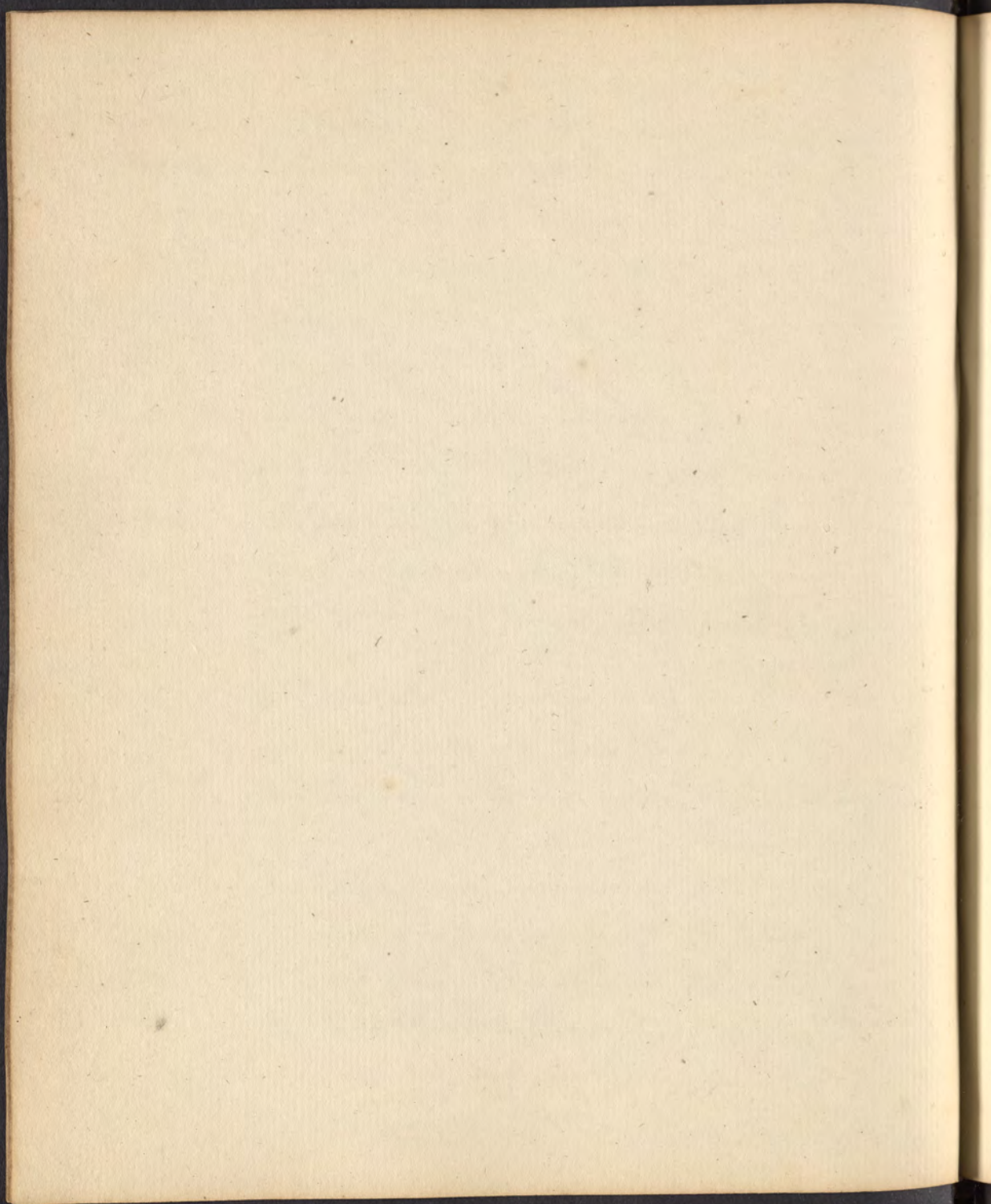
The atonic madness may be prevented by exciting pleasant emotions. New objects, new society, exercise, Journey, Stimulating drinks and diets &c. should be all employed. — Symptoms of Tonic madness are fireiness, irascibility, unusual appetite, a full, tense, and sometimes a quick pulse. Insensibility to cold and different medicines Costiveness, They tear their clothes and wound their bodies 'Tis possible they wound their bodies to produce pain and thereby remove their mental sufferings, They fly from their friends and Society. — Shakespear gives us the best description of both states of mania in his tragedy of King Lear. &c. — These symptoms most frequently terminate in Atonic Mania. However tho' I have called mania a chronic Phrenitis, yet there are and



I have seen cases where it ended in death in a few days from disorganization in other states of Inflammation.

Symptoms of atonic Madness are great taciturnity, down cast eyes, a languid, slow or weak pulse, obstruction of all the secretions, dry skin, &c. These are the symptoms which occur during confinement, but when at liberty they seek society &c. The atonic madness frequently affects all the faculties of the mind & sometimes the moral faculties, while at other times they are unimpaired. Atonic mania when moderate will continue for 20 or 30 years ending in complete fatuity; sometimes in Epilepsy. They possess an equilibrium of Temper.

Cure of Tonic Mania The patient should be removed from his family and friends to a place of confinement and if much enraged the mad shirt should be resorted to. Great delicacy should be attended to in conversation with them as well as in every other respect. D. Bloodletting is a very speedy remedy. It soon produces composure. It must be repeated as often as there is any morbid action in the pulse from 320 to 200 of blood may advantageously be taken in this disease - It frequently supersedes the necessity of using a mad shirt.



I have called Bloodletting my anodyne in malignant fever, it is my mad Thure in mania. Topical bleeding may be used as there is topical affection.

3 Vomits, they debilitate the whole system, to be of service they should be frequently repeated. 4 Purgings is highly proper, it should be repeated two or three times a week. 5 Blisters should always be used Doct Willis prefers them applied to the ancles and wrists instead of the head and neck. Dr. Parry in England has been famous for curing mania by compressing the carotid arteries. 6 Cold air and Water. The water must be applied untill excitement is much reduced as by immersion. The Clay Bath to the head shaved as recommended by Dr. Cullen and the application of Snow and Ice should not be neglected when the general application of water is objected to. 7 Salivation, This not only abstracts excitement from the Brain by exciting a new action in the mouth, but it abstracts it by depletion. 8 Low diet, as milk vegetables &c. 9 Supplanting or removing the ruling passions of our patients, nothing can be done by this. - I believe as much in a table of affinity of the Passions with one another as I do in a

Table

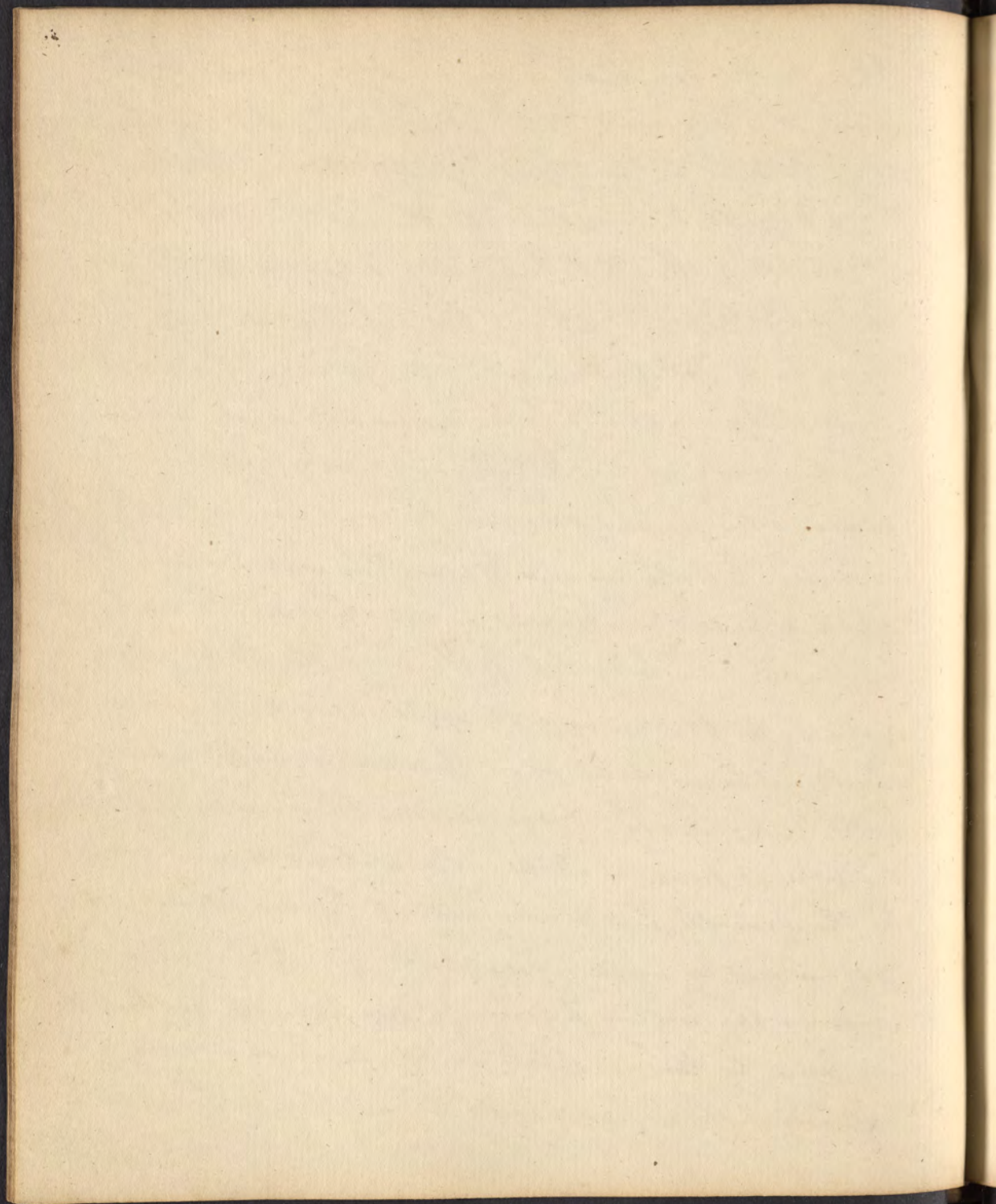


Table of Chemical attractions. 10 Music has been recommended. If it ever has done harm it has been from an ignorance how to apply it properly. A plaintive tone could not but be of service to Tonic Mania. 11 Darkneſs is ſometimes neceſſary. 12 Solitude, the Viſits of friends acquaintances or ſtrangers, ſhould be avoided as much as poſſible.

There are times when Phyſicians or Nurses are ſo go but ſeldom. They frequently excite a new action which cannot fail of making him worſe. 13 Patients ſhould be oppreſſed as little as poſſible in any thing. Above all the Phyſician ſhould do nothing that would excite anger, he ſhould not bleed his patient himſelf, nor let him hear him preſcribe Bloodletting. —

14 Cleanlineſs ſhould be attended to. 15 Exerciſe in a carriage or in company. 16 Cold bath ſhould be employed, the ſhower bath is the moſt preferable method. —

17 Amuſements. They ſhould be uſed conſtantly and in ſucceſſion — Is Opium proper in Tonic Mania? No. — Are any other medicines neceſſary? I know of but few. Hellebore and Borax have done good only when they excited Purgings. Camphor has excited ſome expectoration. Given in the quantity of from $\mathfrak{z}\text{ij}$ to $\mathfrak{z}\text{ij}$ in the day it is ſaid to leſſen the action of the Pulse conſiderably. Digitalis has been of ſervice

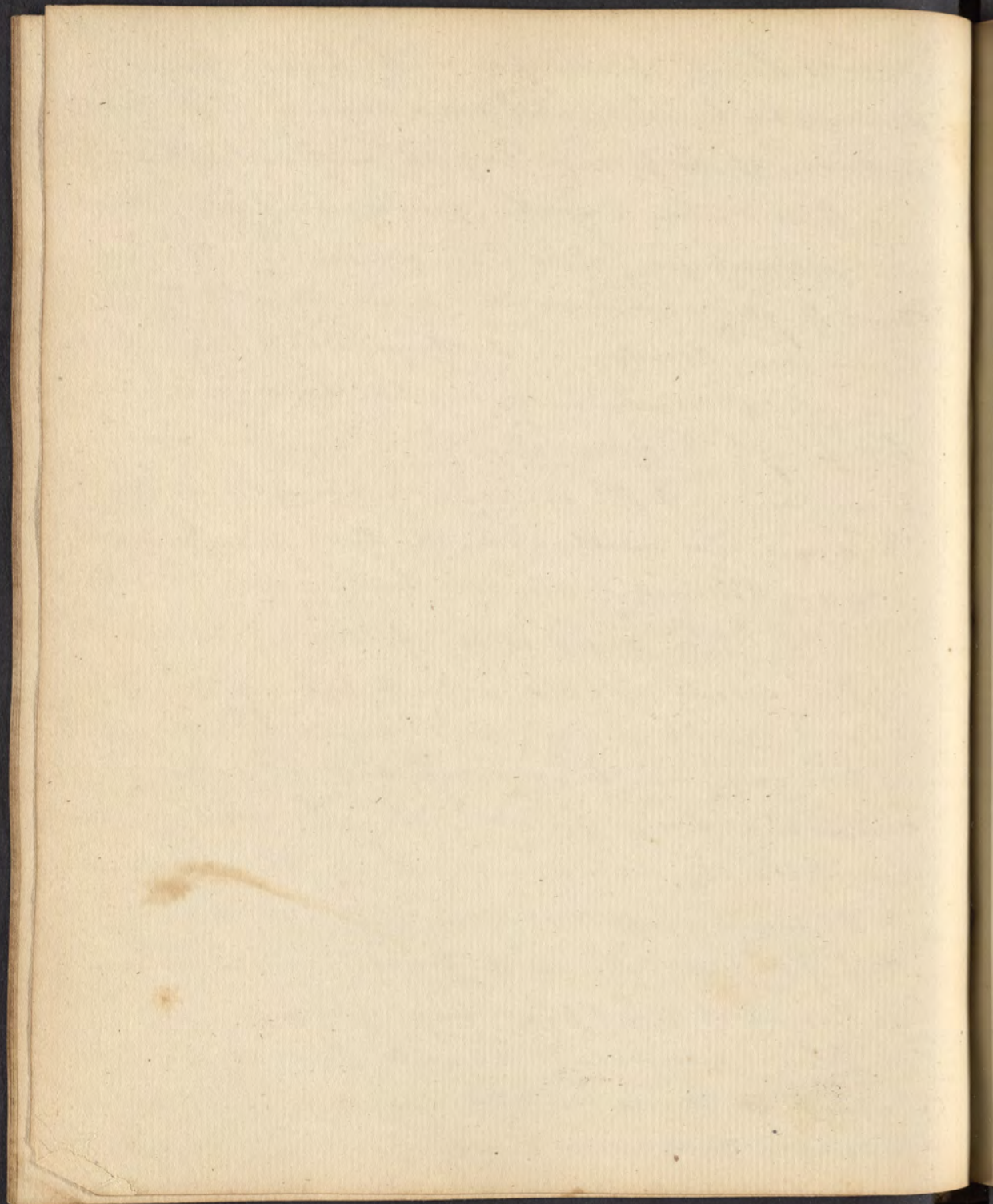
Dr. W.

Doct. Withering speaks of it in the highest terms. —
 Coercion has been used with advantage by Doct. Willis
 in the case of the present King of England. It should
 only be used when every other remedy has failed, it acts
 only in consequence of the fear it produces. The late
 Doct. Gregory used to mention a remedy used by a
 farmer near Aberdeen in Scotland, which was, to Yoke
 a number of Madmen together like horses and make
 them plough the fields. It acts only by wearing down
 the excitement of the system — 'tis a cruel remedy. —
 This disease is as much under the Power of medicines
 as even a Pleurisy, or common Intermittent. —

The remedies of Atomic Madness are

- 1 Warm bath. As there is much torpor in the system
 it must be used many weeks attentively, after which
 the cold bath may be advantageously employed. —
- 2 Wine and Aromatic Spirits. When this state of madness
 is brought on by intemperance these are the first remedies. —
- 3 Opium is a usefull medicine. Doct. Anthony
 Fothergill prefers the use of Benbani in this disease
 on account of its not producing costiveness. —
- 4 Blisters & caustics to the neck. I am disposed to
 think caustics a valuable remedy they act by ex-
 citing a new action. —

I mean



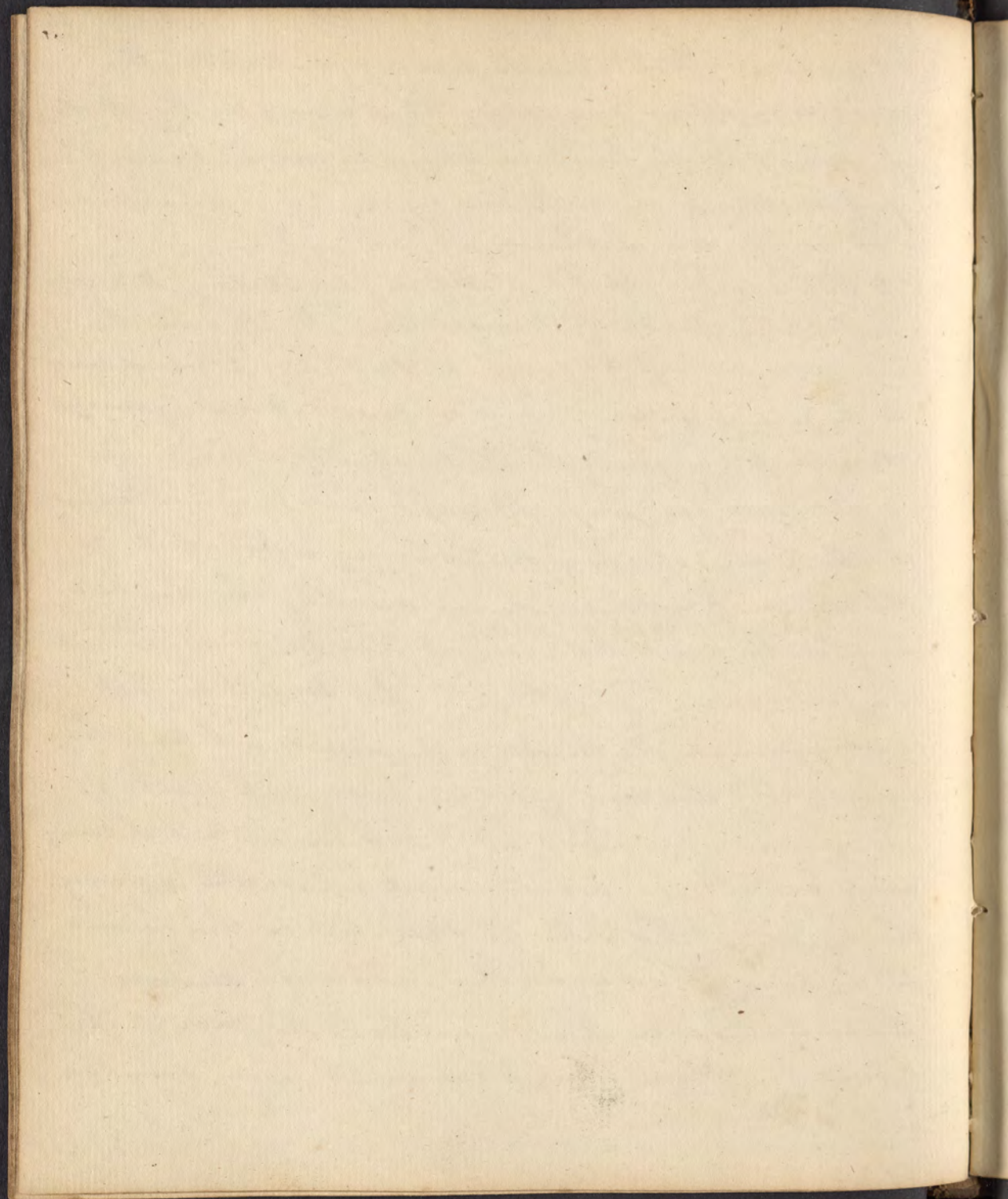
5 I mentioned Doct. Perry's having compressed the carotids in tonic madness. What would be the effects of compressing the Jugular Veins in atonic Mania? Few maniacs die without returning to their reason. Few men die without a Fever. — —

6 Passions might be excited in this state of Mania with good effect. 7. Music this should be of the cheerful kind — 8 Exercise should be used to insure sleep in the form of walking, riding on horse back or in a carriage cleanliness & neatness, should be strictly observed. —

9 Salivation has been found very unprofitable in atonic Mania

10 Bartholine speaks of Stripes having a good effect in this disease. It not only acts by irritating the skin but produces Anger. It has been said that Madness when cured is apt to return. So is Pleurisy but we don't on that account depurate the lancet in this disease — It may be easily avoided constant agreeable employment should by all means be procured. — Doct. Willis and Doct. Addington in England have acquired much reputation in curing this disease — They take the Patients into their houses and by having them under their immediate direction they accommodate their remedies to the state of their System. — Permit me to recommend to you similar acts of Philanthropy. —

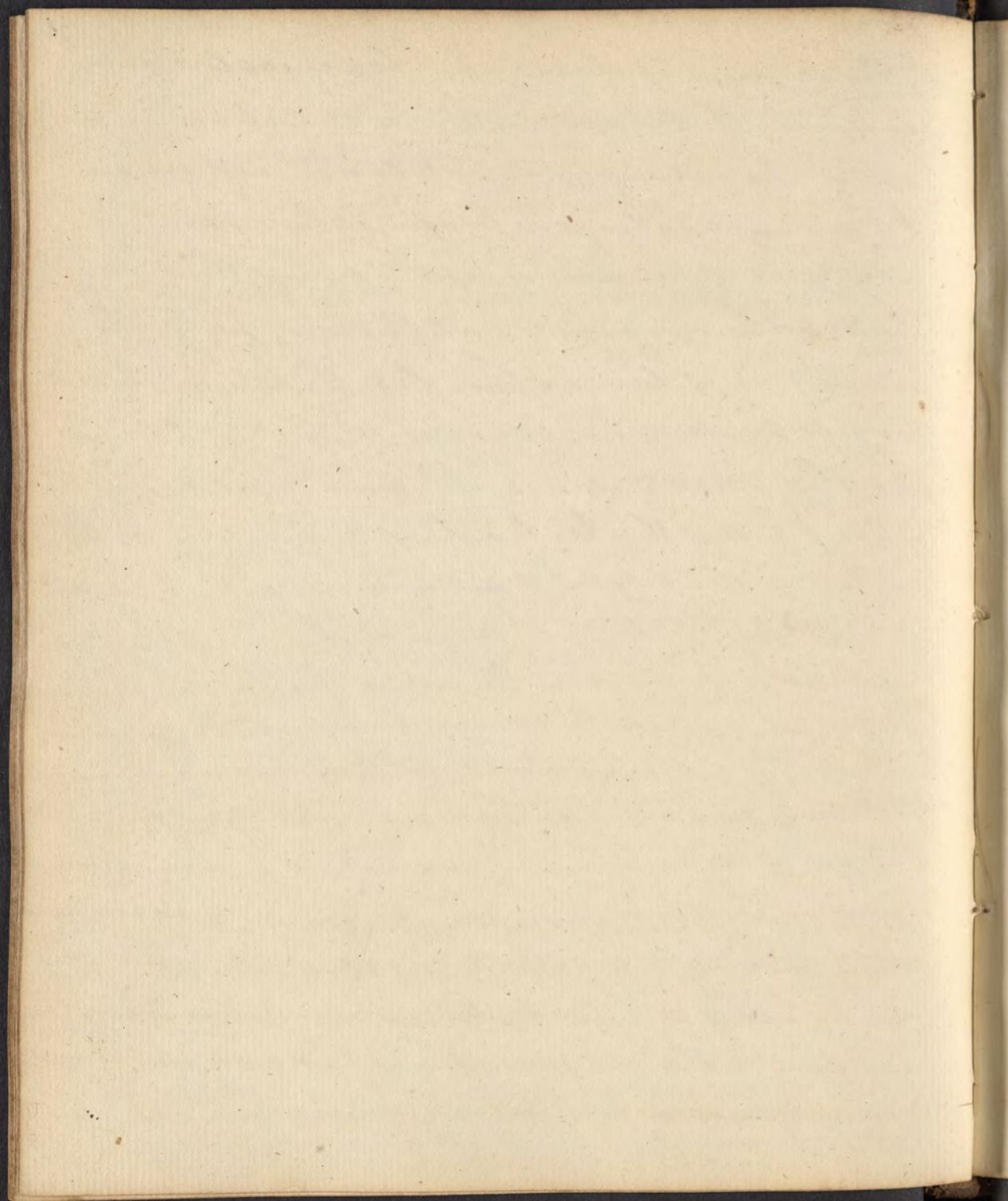
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By all means a put madness to be a curable disease, by so doing the patients friends will seek assistence much earlier. In a puting Mania to be a curable disease I do not say tis always so for after it has continued many years we are often unable to do any thing; we should not however neglect such Patients, for by the continued use of tonics I have had the pleasure to see many desperate cases of Mania removed. - I have said that moral evils were the effects of debility in the moral faculty, this has been happily remedied in the new Jail of this city. Let not medical science be behindhand.

Prognostics 1. Madness when hereditary has been said to be incurable, tis not so. I have cured several such cases myself 2. Madness from fever, Parturition drunkenness or Poisons readily yield to medicines. — 3 Madness from emotions are easier cured than from Poisons 4 the recurrence of any ancient habit is always is always a favourable occurrence. 5 Symptoms of Hypochondriasis are always favourable, as madness like many other diseases goes off with the same symptoms it commenced. — 6 A pain in the head occuring will give you just reason to prognosticate a favourable issue.

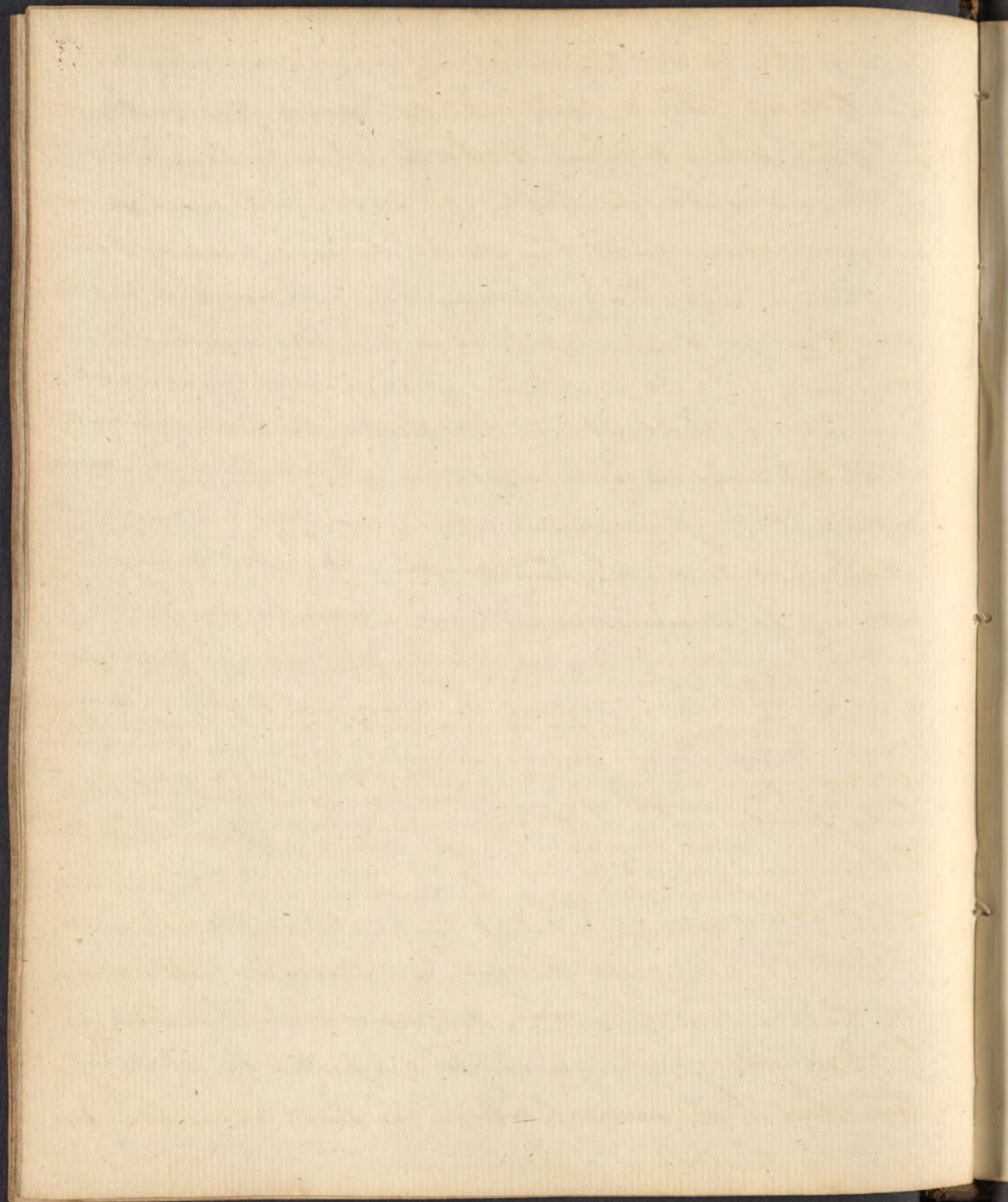
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of A return of habitual diseases, a running or picking at the nose, moist skin, regular stools. The breaking out of old Ulcers or forming new abscesses in any part of the Body are all favourable symptoms. A Diarrhoea is sometimes favourable, an acute Fever appearing after the Patient has been sometime ill of mania is favourable, it excites a general action in the blood vessels. — Intermissions and remissions of mania are favourable. — Treating of friends and acquaintances with mildness and affection is always a good symptom. Convulsions are ~~always~~ unfavourable. Weakness and defect of memory are owing to intemperance in eating and drinking. Excess of Cerebration.

Lesions of the Brain. Chronic Ulcers, a translocation of the Gout to the brain, Apoplexy, Palsy, Epilepsy, the inordinate use of Spirit, terror, oppressing the memory with too many words. Many Peoples memories are rendered worse by hearing learning &c imposed upon them unaccommodated to the strength of their brains at early life. — Remedies are

To avoid all causes the causes we have mentioned frequently repeating different sentiments &c. Memory is assisted by calling, for instance we remember better when we both see and hear &c. Memory is much assisted by the principle of association. It is assisted by placing ourselves in the same posture we were in when we heard or thought of a circumstance.



It is assisted by an association of sounds, of words and letters. For a further knowledge of this subject I beg leave to refer you to Lock, Reid & Beattie. —

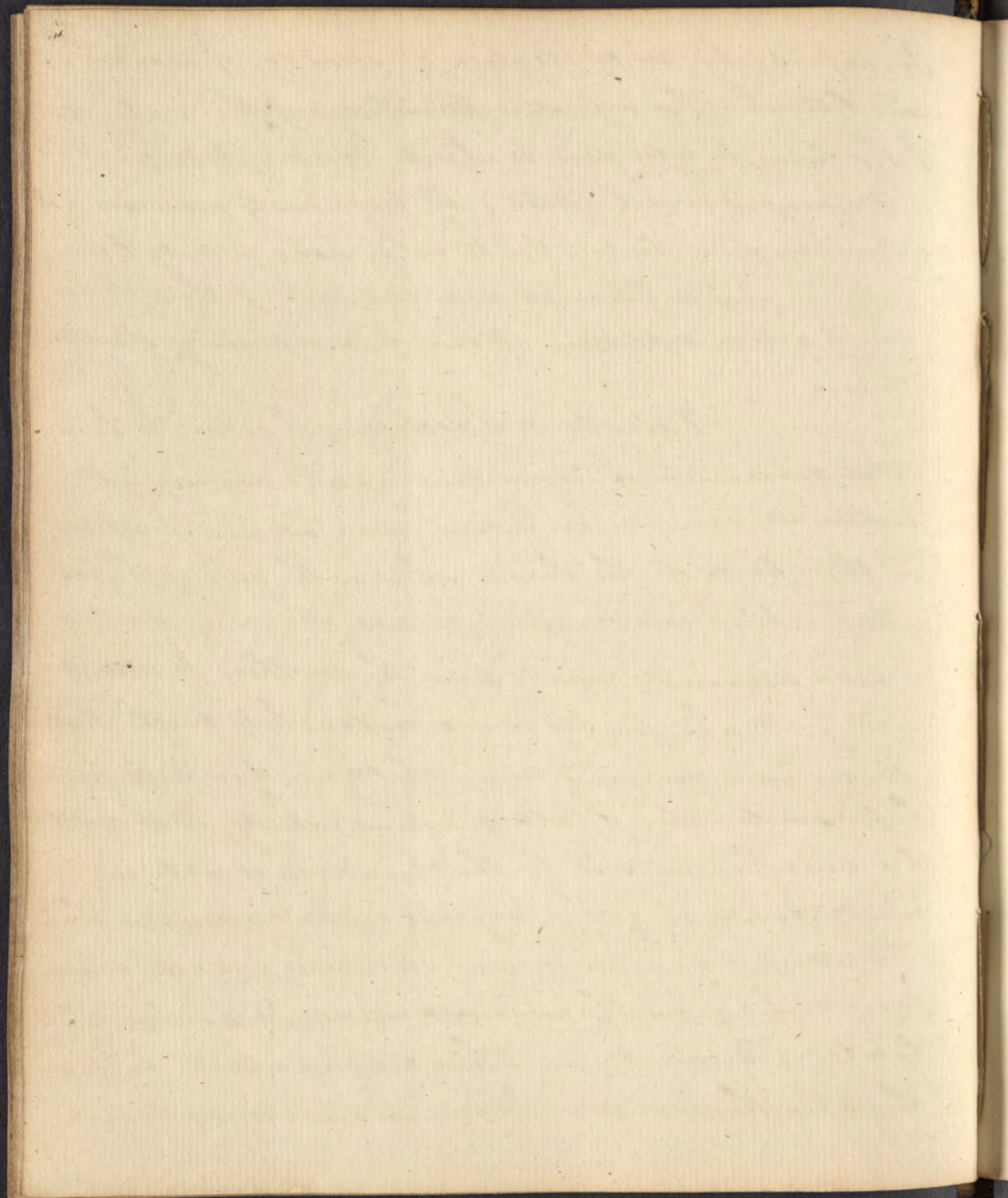
Memory is much assisted by frequently exercising it. Memorandum books should not be used in early life

The Physical remedies are, if there be too much action depletion. if there be a deficiency of action Tonics.

Fatuity or Idiotism, I define to be a total depravation of understanding and memory. Its proximate cause is an entire entire absence of action in those parts of the brain which is the seat of the faculties. It is sometimes congenial and when it is, it is most frequently derived from the mother. It is induced by old age for for it is a melancholy truth that we are once men and twice children. You will perhaps smile when I talk of curing fatuity. But recollect time has cured it by the operations of nature. —

Doct. Hunter of York in England relates a case of this kind. —

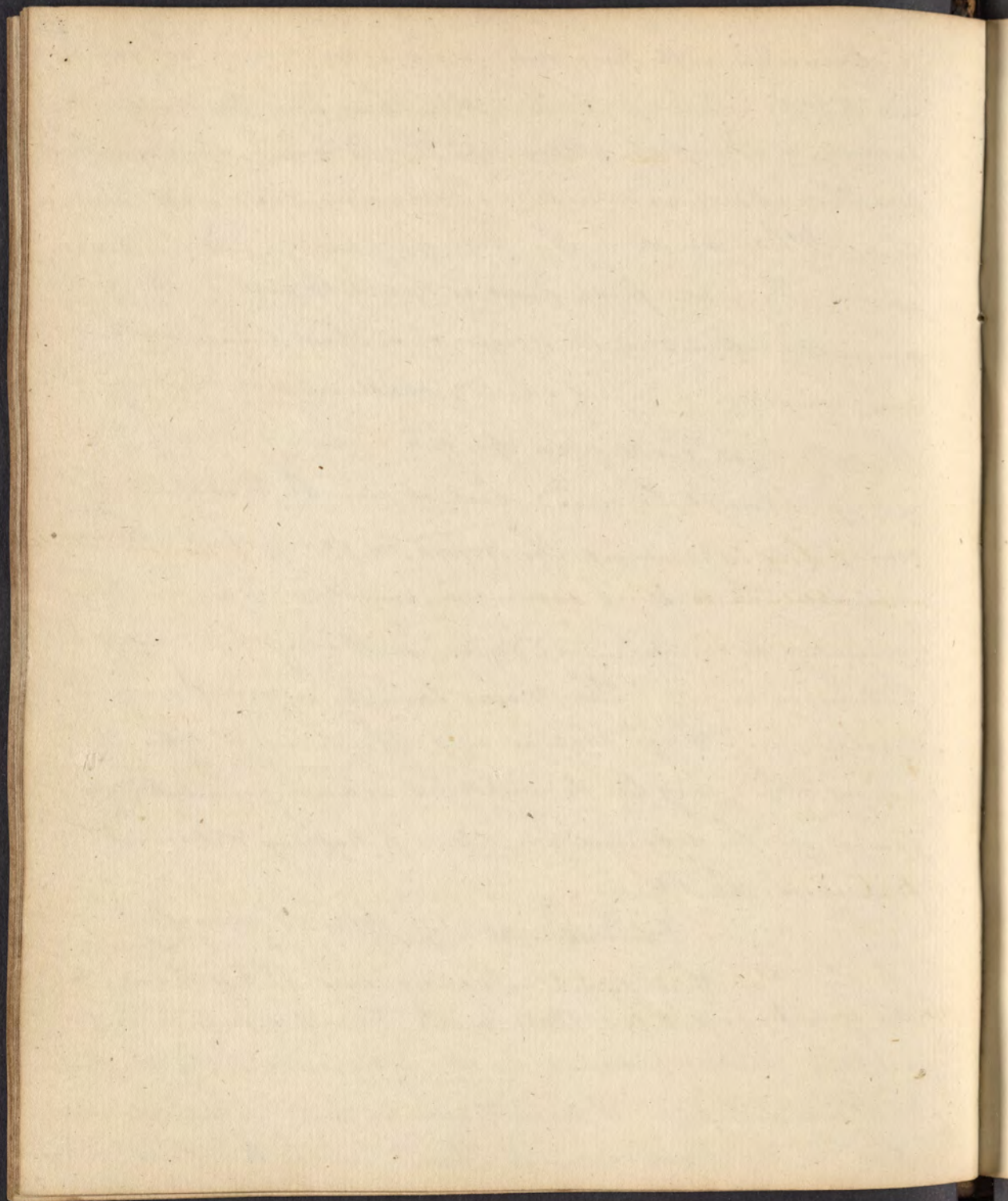
The attack of an acute disease sometimes perfectly cures fatuity, it awakens the mind into action. It has been cured by a fall. Burns, &c. — These are important facts as they shew the connection between the sensation and brain.



Connected with these remedies are an Tonic, as Chalybeate
 Bath. cold and warm bath. Are there any Medicines that
 produce a specific action in the Brain? Stramonium
 has this effect and might be administered with advan-
 tage. What would be the effect of repeated fits of intoxi-
 cation? Fatuity from fever is readily cured. Here it is
 generally relieved in the course of a short time without
 any remedy. - But should nature not remedy it,
 the cold bath will soon effect a cure. Fatuity from
 old age cannot be cured but it can be prevented by
 constantly exercising the mind on some important
 subject. Fatuity is more rare in cities than in the
 country, as company and exercise of every kind may be
 had more easily. The moral faculty is much more
 vigorous in old age than in any other time of life. This
 among others might be employed as an argument in
 favour of the different faculties possessing different
 portions of the Brain.

Diseases of the Moral faculty.

For this symptoms and causes I beg leave to
 refer you to my 2 Vol. Med. Eng. When I delivered that
 oration it was received by the citizens and Philosophers
 of Philadelphia. I have however lived to see its adop-
 tion by the Legislature of Penn^a. in the new jail of this
 city

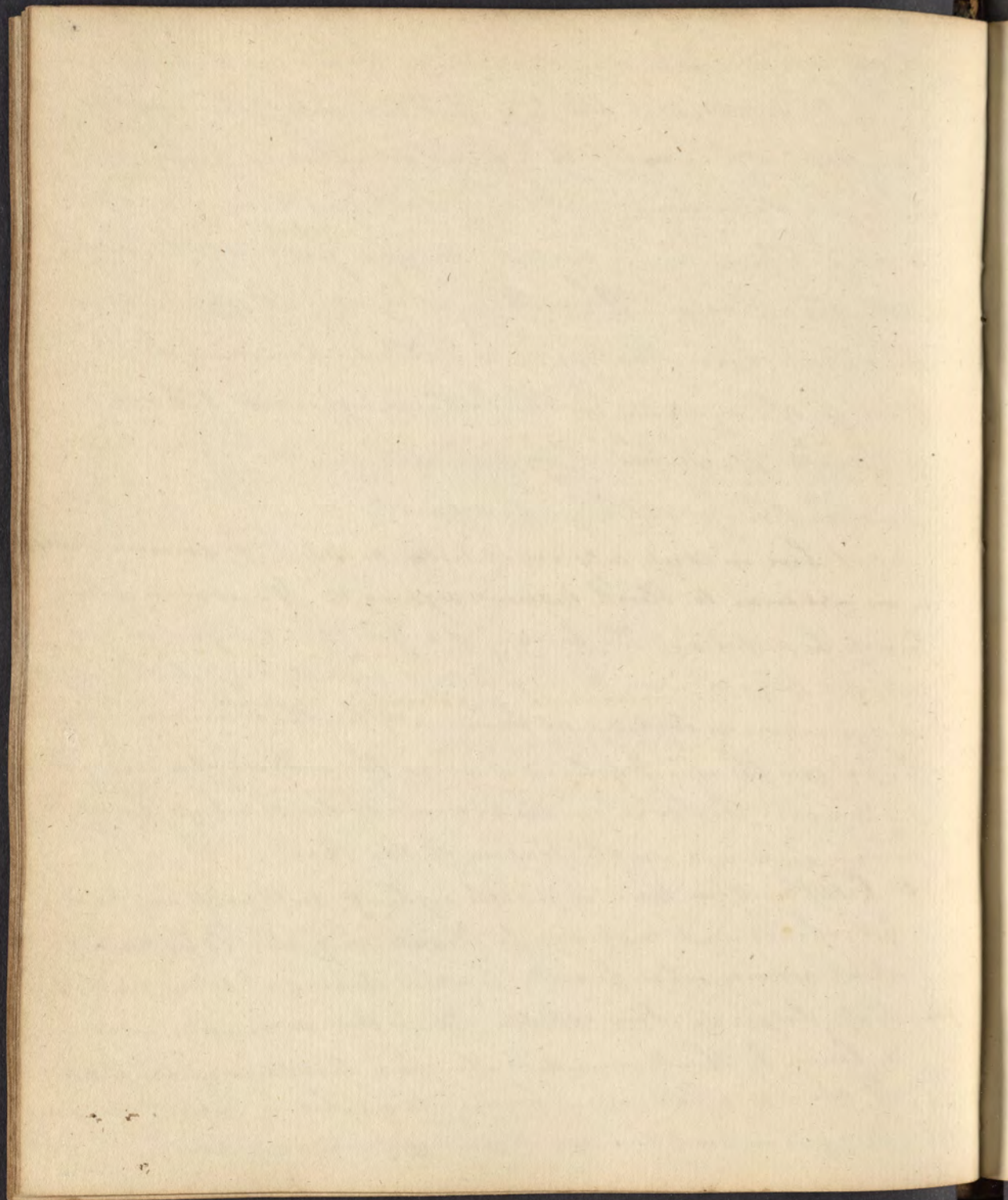


City where science and reason go hand in hand.

Diseases of the passions are most frequently attended with an ~~excess~~ of action, sometimes however there is a deficiency - In this last case tonics should be used. Pain being excited might probably be attended with good effects. When there is inordinate action as in the former case, they are to be treated according to the state of the system in the following order 1 Love. 2 Grief. 3 Anger. The passions are nearly as contagious as the small pox and measles

1 Love in excess only constitutes disease. It discovers itself in an aptitude to blush frequent sighing &c. If a woman retires to dress herself from the presence of a Gentleman can you may be sure she loves him. It is equally a sign of Love if she is always or avoids looking at him. After the formation of this passion the object beloved is never the subject of a care and neither can the Lover in the absence of his mistress bring to his recollection a single feature of her face.

CURE, When there is much sighing, restlessness and fever you should have recourse to bloodletting and Blesturing - Ovid advises what he calls beniam Amicam for as fire expels fire, Pity, Pity, so Love expels Love. Ovid always advises a lover to think much of the bad Qualities of the beloved. If she has a bad voice bid her to get her to sing &c. do any thing to expose her, avoid her company. -



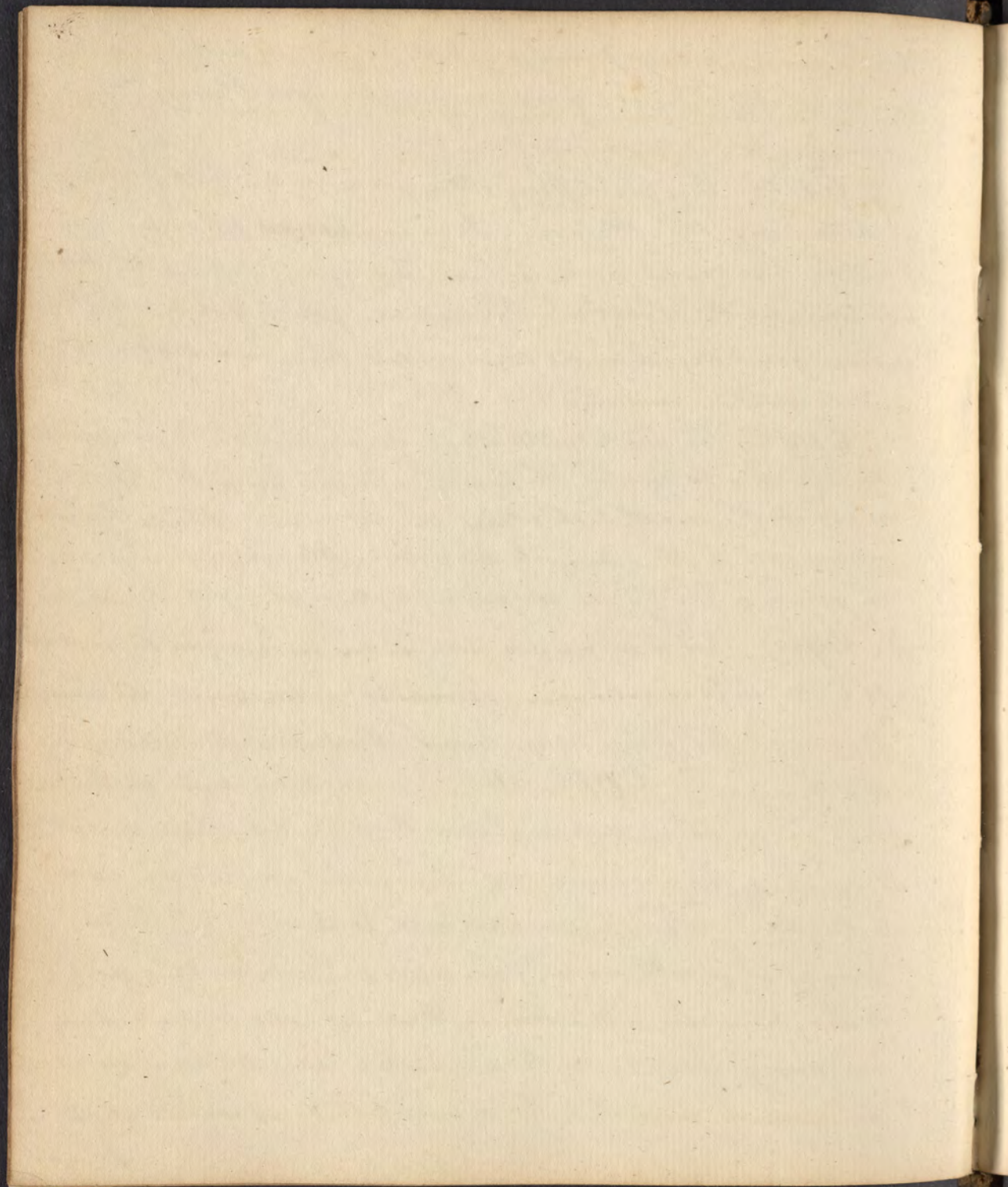
Take a voyage or long journey. Hope should be entirely destroyed. Love may also be cured by exciting or stronger Passions as ambition, resentment &c.

2 *Grief*. Our profession often gives us an opportunity of witnessing this Passion. It is implanted for useful purposes. It sometimes produces fever, Syncope, Dyspepsia, Hypochondriasis &c. Tears are the usual signs of Grief, but intense grief discovers no tears, until there is a degree of direct debility induced.

Cure The book called the mourner should be resorted to. It is improper to remove the person distressed from the house in which the death took place, the mourners should by no means attend the Body to the grave. Opium conversation or general tho' by no means on light or merry subjects. —

3 *Anger*. This is injurious only when in excess. It produces red Eyes, livid countenances, stammering, agitation of the hands, Tumors of the body, convulsions, Hysterics, Apoplexia and death. —

Cure, Religious conversation. before they carry their passions any length let them say the Lord's prayer or count 20 This will give time for reflection. Fear is an antedote to Anger. A large draught of cold water, this acts as a sedative and gives time for reflection. Dashing cold water upon an angry person. An irascible disposition may be entirely removed by a milk and vegetable diet. —



Spirits and Wine should be avoided. When anger is connected with fear Opium may be serviceable. Angry people should speak very slow. —

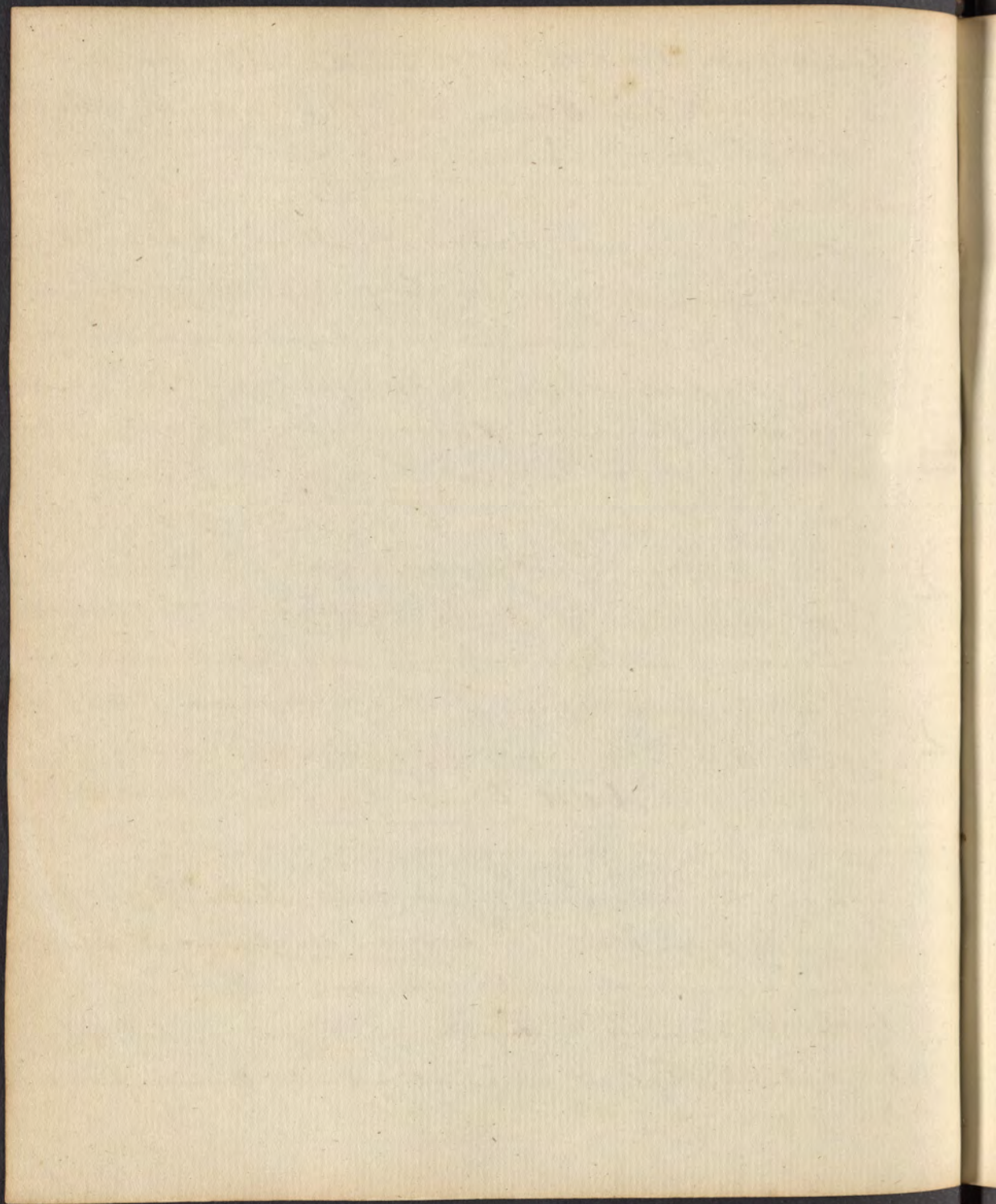
4 Fear? was implanted in us for the useful purpose of defending us from danger &c. It is a disease when it exists in excess on proper and improper occasions. —

The effects of fear are paleness, Tremors, increase of Urine, a short cough, syncope, asphyxia and death. — It raises the hairs an end even makes them grey in a few hours. It has produced Suicide. Its presence suspends all other passions. Those most subject to fear are those who are generally most cruel. To prevent it Children should not be inured in darkness. Servants who terrify children with Ghosts and Hobgoblins should be banished from families. The continuance of fear is owing to education and must always be removed by resolution. — Cure. Generous or low diet with ex-

ercise and due attention to cleanliness according to the prevailing diseases have wonderfull effects in fortifying the system from fear. The fugitive escapes from Death increases or does not lessen the affection of the mind. —

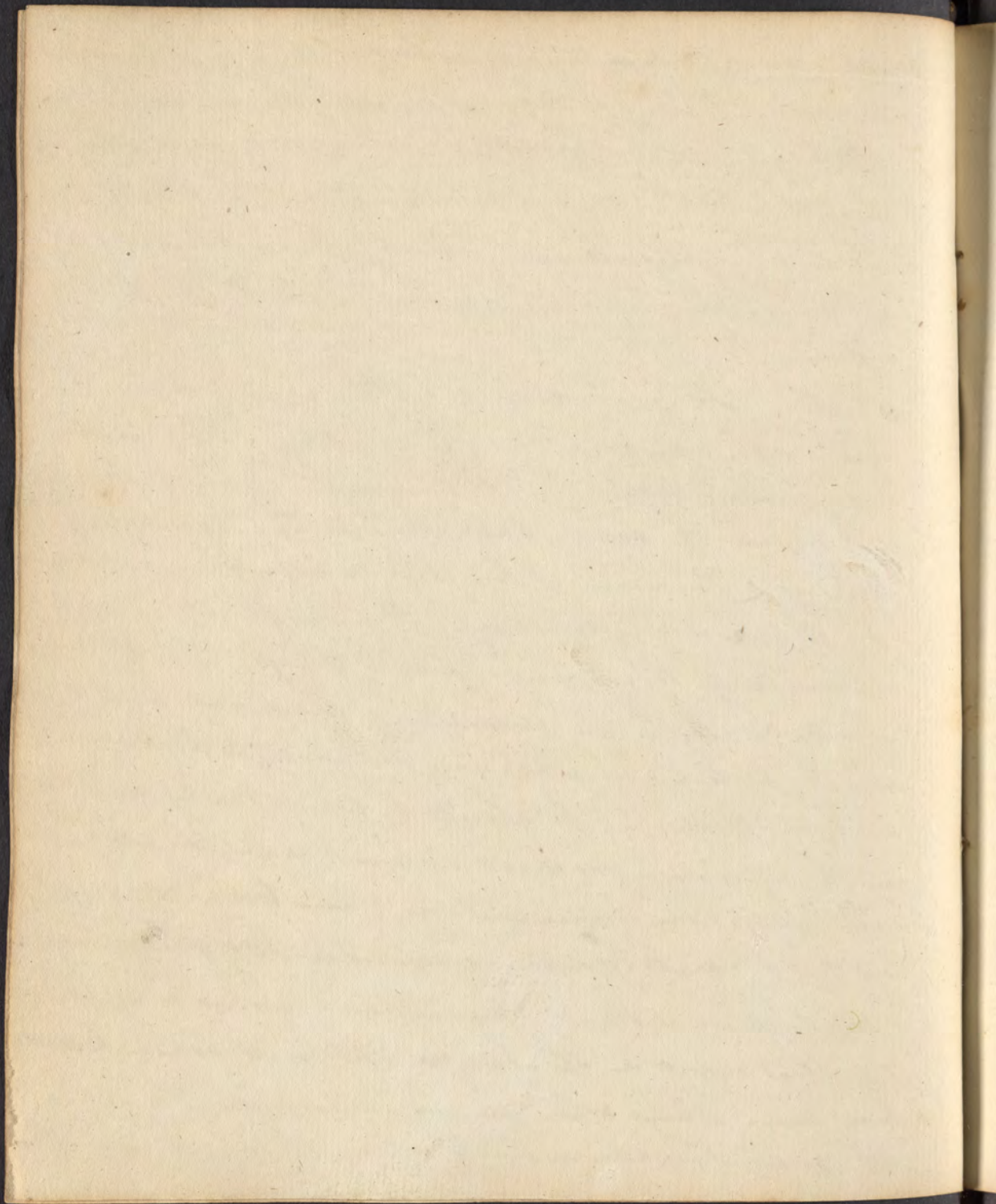
We should endeavour to impress the minds of those who fear death that no pain attends it. Opium has a wonderfull effect in composing the fear of Death. —

It also



It also always allays the fear as well as the pain of surgical operations. During contagious diseases let me advise you never to carry smelling bottles with you, because should you at any time neglect to carry them the fear excited will be very prejudicial. Always be employed at something and put a firm reliance on the protection of Heaven.

5. Joy. It is the duty of a Physician to prevent its sudden operation on the system. This emotion is sometimes attended with pain in the region of the heart a change in the voice, tears syncope and Death. — During a Paroxysm of Joy if it be attended with danger to life, a new emotion or Passion should be excited particularly terror, anger, fear or Grief. The application of cold Water, or the Stimulus of artificial pain should be tried in a manner calculated to produce prompt effects. — It should be prevented by imparting the news in a gradual manner with the alloy of some unpleasant circumstance. — Connected with Joy but produced by different causes is **Slaughter** which is a convulsive disease and sometimes induces a rupture of a blood vessel in the Lungs, Spleen, or brain. Cure fear terror or any other counter impression. Pinching the Body. Laudanum mostly relieves the pain, but ^{if that} fails



6 Envy and Malice seldom shew themselves externally.
 Vide Vol. 2. of my inquiries. —

7 Lust. This is intimately connected with moral evil. it is deeply seated in the constitution, it is implanted in us for the propagation of our species, when in excess it should be moderated as it then produces Tremor, flushed countenance, nocturnal pollution, Onanism, mania and Death. — The cause of this Passion is high living, excess in drinking, indolence, a sedentary life. Womens passions are increased by weaving. — There are the causes in Plethoric habits. It arises in debilitated habits from fevers &c. —

Cure. Matrimony and fidelity to the marriage bed. 2. Low diet. 3 Labour or constant exercise as long journeys on horseback. I mean men only. 4 the company of virtuous chaste Women. 5 are there any medicines which will lessen this appetite. Castor oil has been recommended but I believe it possesses no other properties than a mild laxative. — Camphor has been used. That there is such a medicine I have not the smallest doubt. 6 Perhaps when there is a state of direct debility the cold bath might be employed with advantage. Such

Persons

5

Persons should always be employed at business or study.
 7 Doct. Boerhaave says a fit of laughter will remove it.

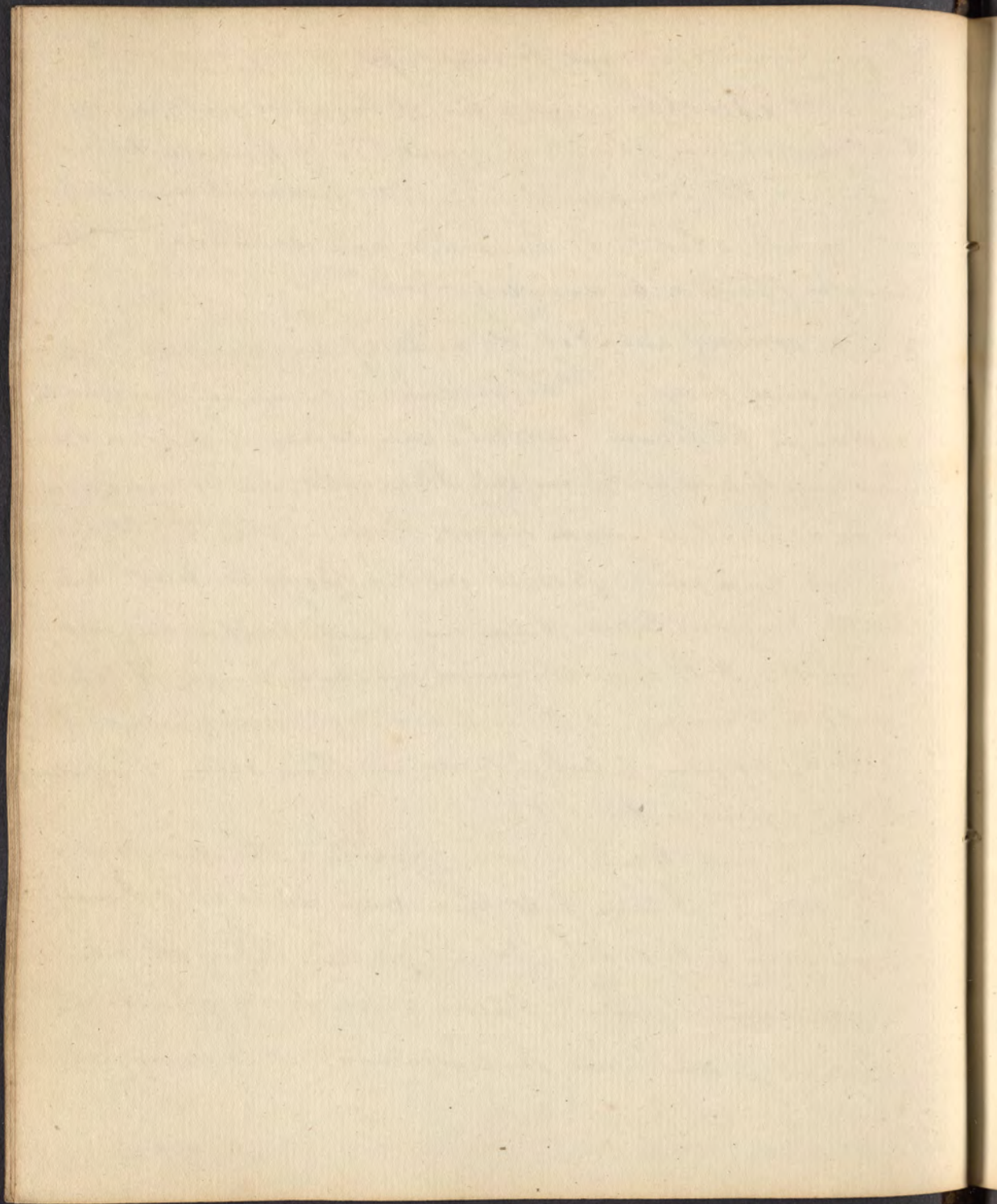
8. A Salivation should be resorted to. 9 Certain tones
 of music 10. Lascivious thoughts, conversation, books
 and prints should be banished and dalliance with
 females should be avoided. —

8. Dreaming and Nightwalking are diseases of the
 mind and body. — The proximate cause is unequal
 action in the brain - exciting causes are hearty suppers
 or going to bed with empty Stomachs, an inclination
 to go to stool or make water, Noise, light, tight lig-
 atures and impressions on the Body or Ear. —

CURE. 1. Constant labour 2. avoiding hearty suppers and empty
 Stomachs. 3 If from too much action a purge 4 If from
 too little Opium. 5 I have heard of Somnambuli being
 cured by placing a tub of water in their room but letting
 them previously know it. —

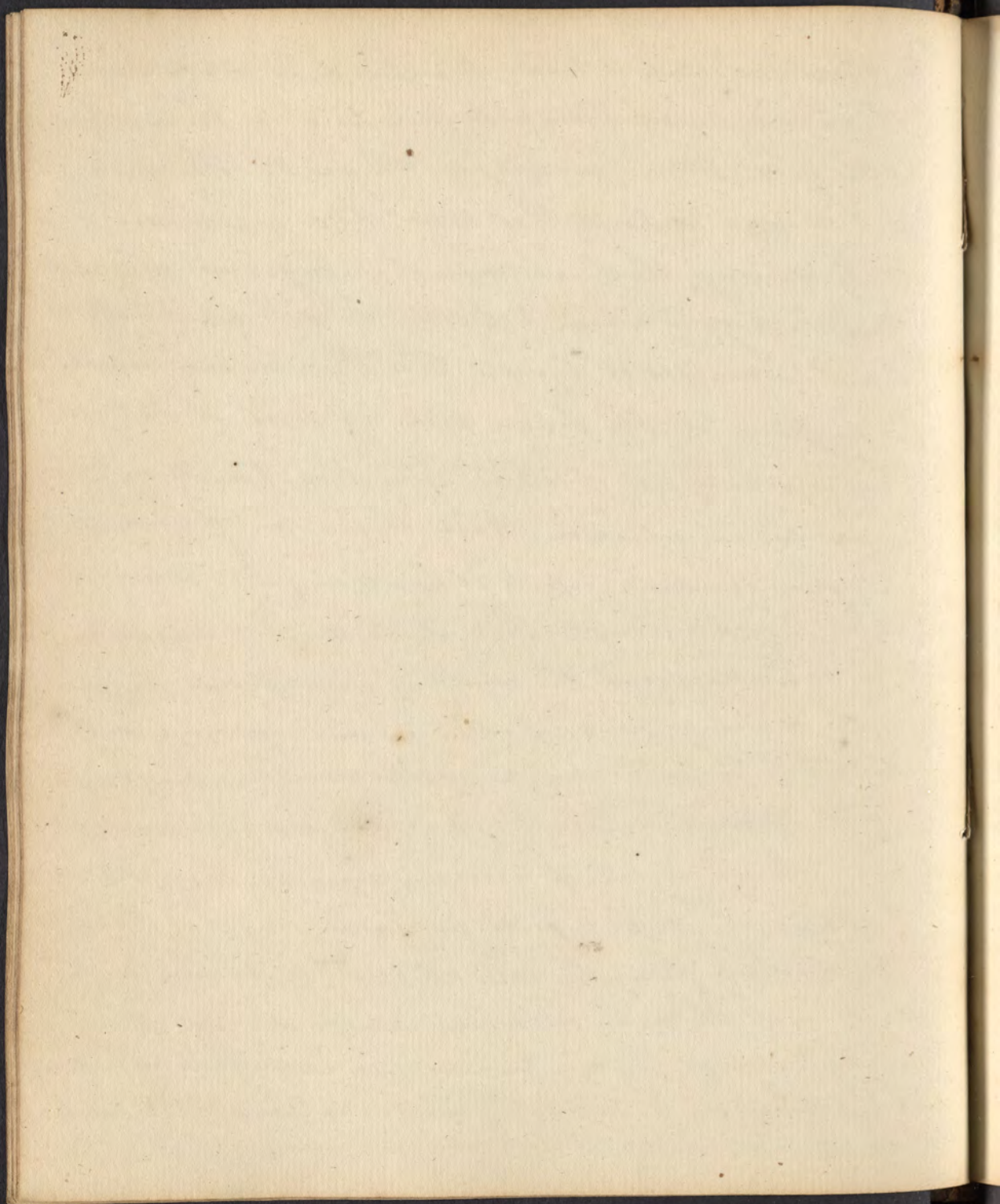
Thus (Genl) I have finished the diseases of
 the mind. I have felt these some days as if I were
 sailing in a balloon. I have passed through an
 untrodden country. I have given you a glimpse of
 the way permit me to recommend it to your future
 consideration. —

7 A. Profligate



4 Apoplectic state of fever. It occurs from many causes. - The remote causes of Fever will produce it, as the contagion of the yellow Fever, small pox, Plague &c. The contagion of Influenza disposes that way. If a person die suddenly during the prevalence of contagious diseases, you have good reason to believe he died apoplectic from the causes of Fever. - The Proximate cause is pressure on the brain from effusion of Blood, Pus, or water, all of which have been found in large quantities on dissection. When there is an effusion of blood from ruptured vessels it has been called "extravasation". When they are overstretched it is called "Intravasation". Doct. Cullen says the symptoms are different according to the different kinds of effusion and require a different method of cure. He supposes the serous indicates the use of Stimuli, while the sanguinous require depletion. Much mischief has been done by these distinctions and should be rejected as leading to fatal Practice.

1 Apoplexy from the cause of fever ^{may} be known from the time of the year in which it appears and other marks of fever. 2 Intemperance in eating or drinking. 3 Contusions. 4 Nephritic air or carbonic Acid Gas. -



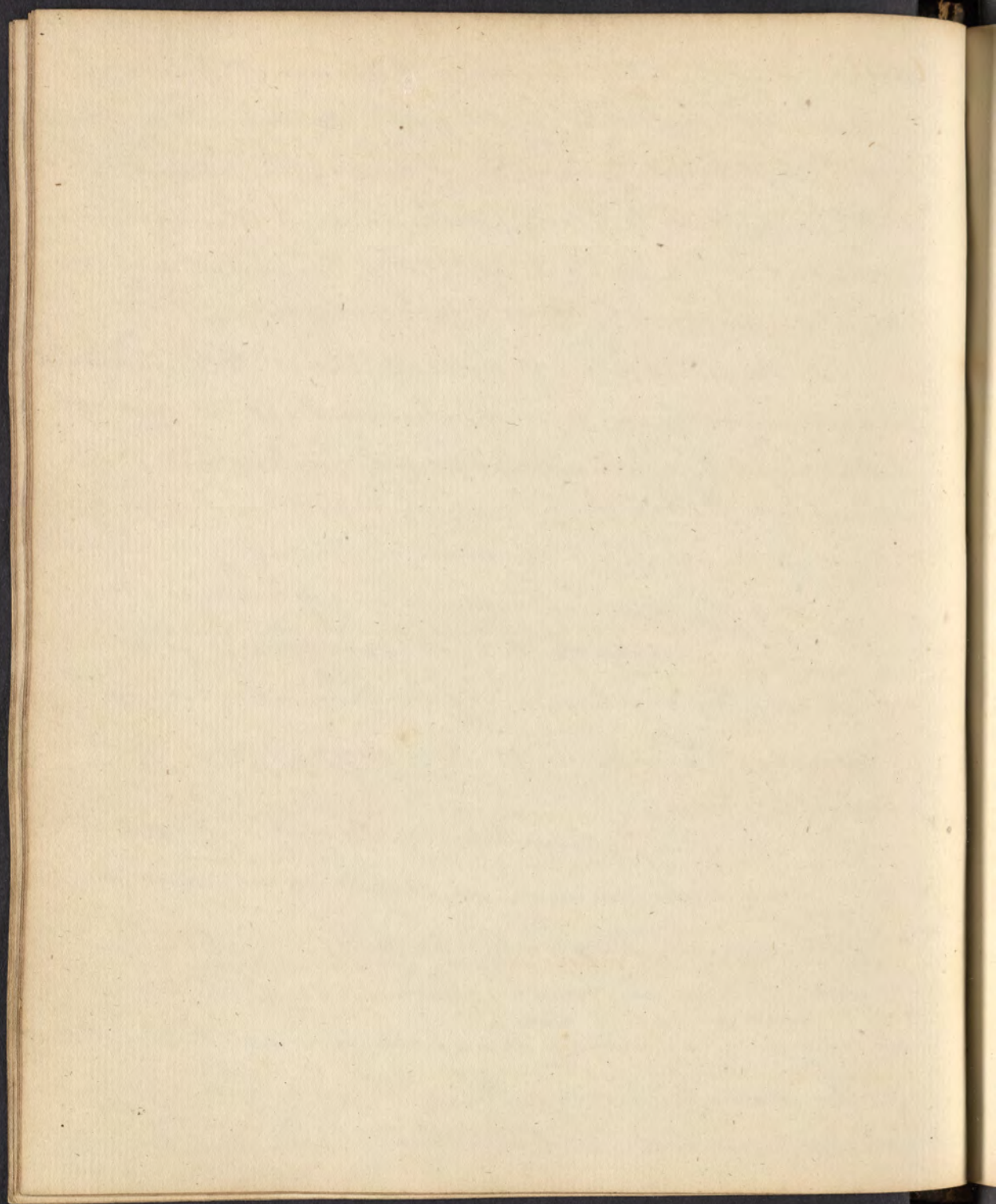
5 Fumes of lead and mercury. 6 Opium. 7 Smoke of Tobacco. 8 Insolation. 9 long application. 10 suppression of habitual Hemorrhages particularly Hemorrhoids. 11 Those subject to Gout, particularly if they escape an attack of it, are liable to Apoplexy. These are all remote causes. — The Exciting causes are,

1. Intoxication. 2. tight ligatures. 3 Indigestible food or matter taken into the Stomach. 4 Anger. 5. Hot bath. 6 Exercise as dancing &c. 7. Long and loud speaking. 8 Wet feet. — There was an Instance in Phil.^a of Anger being the cause of ^{a fit of} Apoplexy in a shoemaker. — Also of wet feet bringing it on a recumbent master. —

This remarkable that the same causes produce Apoplexy, Hydrophobia, Hydrocephalus internus, Phrenitis, Phrenicula &c according to the predisposition in the system.

The premonitory symptoms of Apoplexy are head ache, drowsiness, Night mare, dull or obscure vision, sudden darkness passing before the eyes. Faulting tongue, tremors, full respiration &c. — Remedies for removing these precursors are 1 Bloodletting 2 Low diet. 3 Purgings, this I believe in many instances is preferable. 4 Vomiting. —

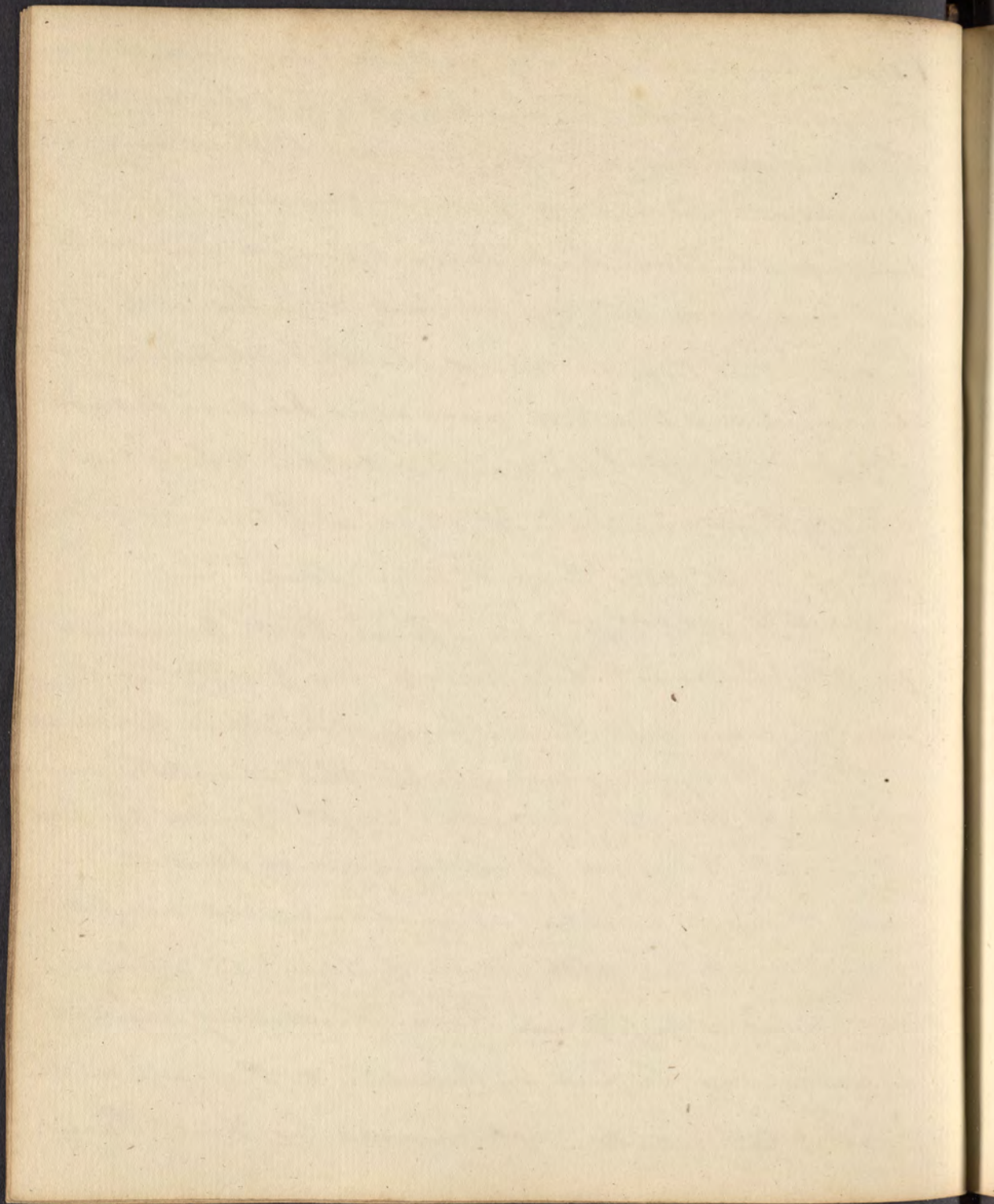
Cure



Cure. - The pulse is mostly full, hard and tense, sometimes however it is weak slow and depressed and the greater the depression the worse the disease. 1 Bloodletting, the quantity should be large or small according to the symptoms; it should be larger when it proceeds from contusion than when debility precedes it. - The Temporal Arteries and jugular veins should be opened. Opening a vein however in both arms will I believe be sufficient. - All the blood that is intended to be taken should be drawn immediately. I believe disorganization will very readily take place. -

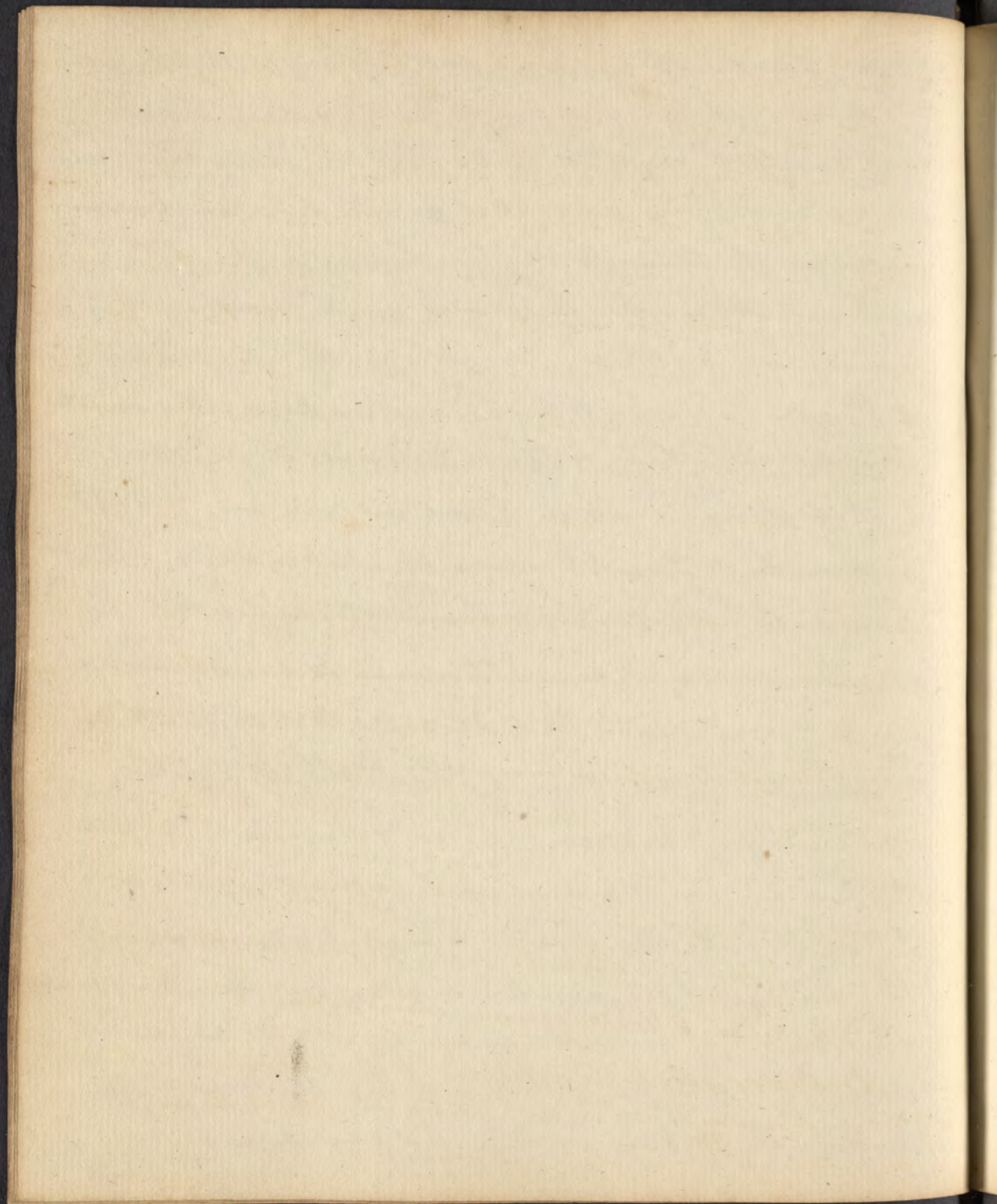
Doct. Physic drew from Doct. Dewees in an apoplectic fit between 90-100 ℥. of Blood at one bleeding and thereby perfectly restored him. -

When the pulse is depressed the blood should be drawn gradually though constantly. Doct. Brown has happily used the gradual application of Stimuli in cases of direct debility. There is an equal necessity for the gradual ~~attraction~~ application of Stimuli when the system is depressed. - When Bloodletting cannot immediately be put in practice 2 Pressure on the Carotid Arteries as recommended by Doct. Parry.



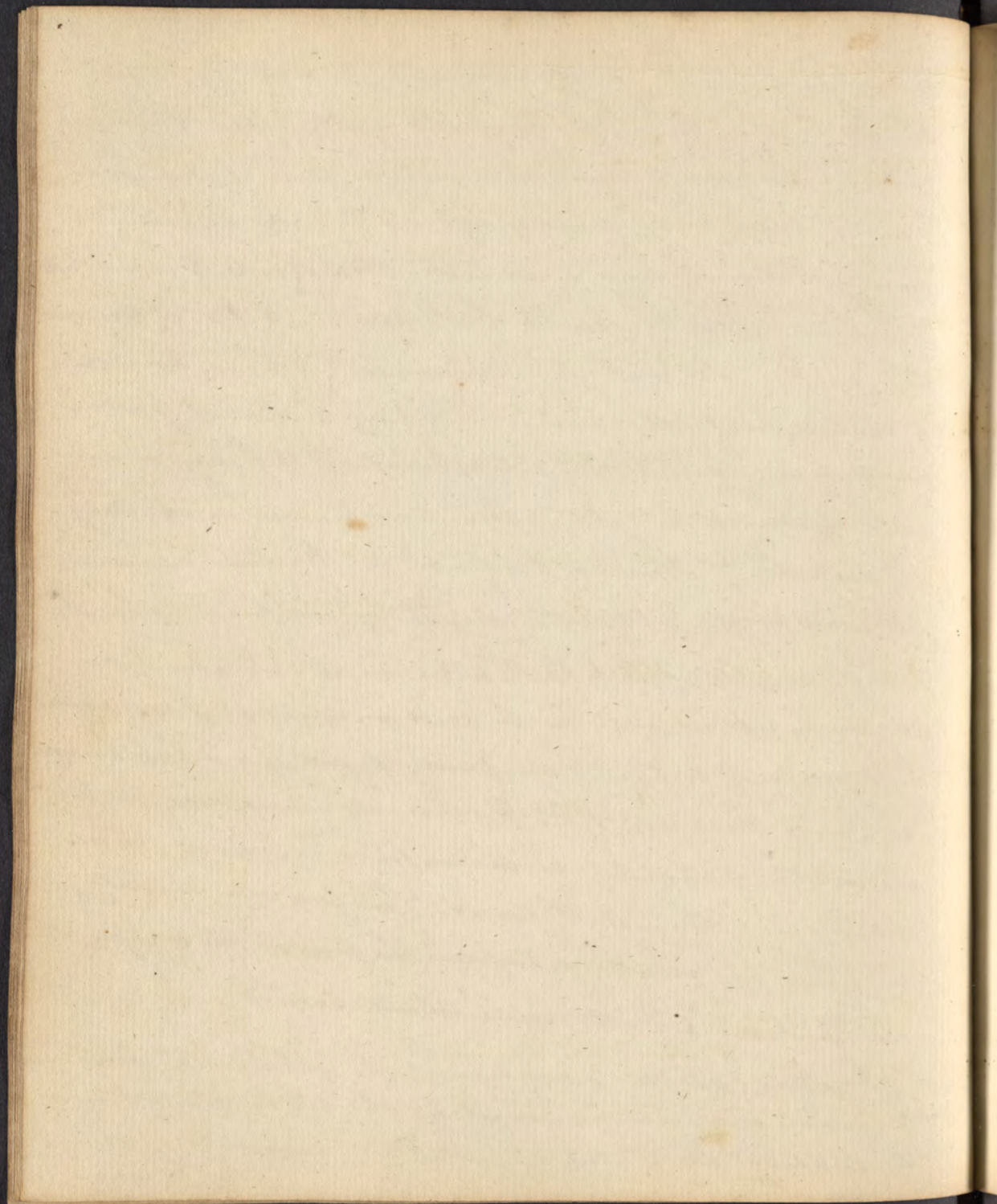
Doct. Glentworth once used this measure with advantage. The patient should be set with his head erect and all ligatures should be removed. 3 Vomits They were recommended by Doct. Pothergill; if it proceed from an offending matter in the stomach, they are highly proper. I have never used them. The best way to excite vomiting here is by inanition. In the throat either with a feather or finger.

4 Purges. They should be of the active kind, they invite blood from the head to the intestines. 5 Glysters of a stimulating nature. 6 Cool and cold air. 7 Cold water to the head. All unnecessary attendants should be dismissed. If we have been called in too late for bleeding we must have recourse to Stimulants, as. 1 Actual cautery. 2 Cataplasms. 3 Salt put into the mouth. 4 Fresh air. 5 Stimulating Glysters. 6 Electricity. 7 Certain sounds. 8 Frictions. After Patients are cured a swooning frequently follows. Setons should then be used. To prevent a recurrence of this disease. 1 Temperance in eating and drinking should be enjoined but not abstinence. Meals should be moderate. Absence of Stimuli here as frequently produce congestion as their application.



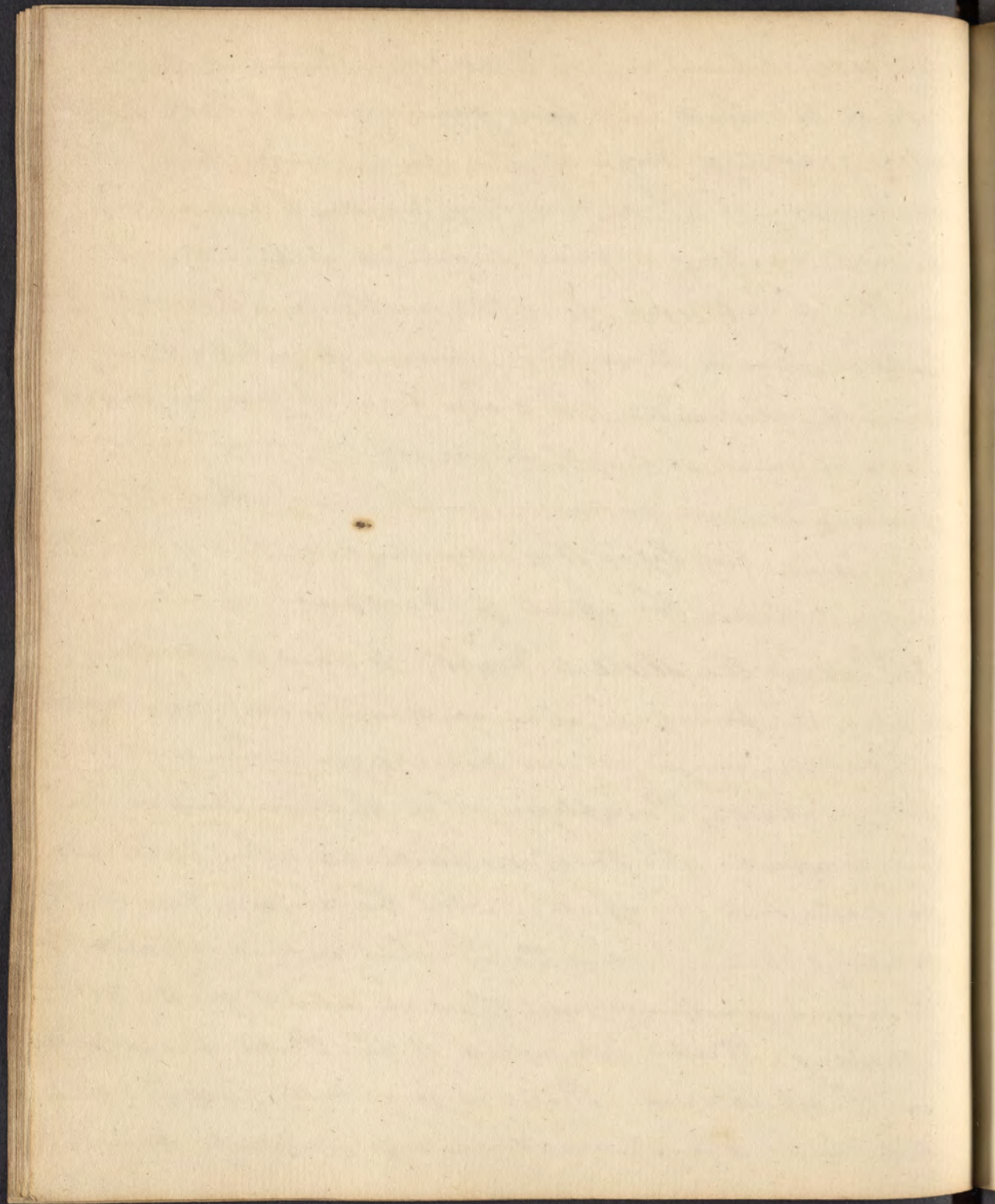
2 Indigestible food should be avoided. 3 A change of food should be avoided in those disposed to Apoplexy. The Stomach is a strange Viscus and seldom receives changes kindly after forty years of age. 4 Drinks should be gently stimulating as diluted Madeira Wine which has been called the milk of old age. — 5 Use of Onions and garlic I think are serviceable. I have known a vertigo perfectly cured by taking a clove of Garlic every morning. 'Tis said a teaspoonfull of honey or any kind of syrup if taken after will prevent its affecting the breath. 7 Issues or Scatons. — Violent exercise, intense study, cold feet, crowded assemblies &c. should all be avoided, habitual customs as smoking &c. should be continued. The third fit of Apoplexy is not as has been generally supposed necessarily fatal, for I have known a person have six fits. Hippocrates has very justly observed that apoplexy without fever is much more dangerous, than with fever. This you can readily conceive, the greater depression the greater the danger & the less Fever. 8 Gentle exercise should be used. —

Intoxication, is a disease of the Apoplectic Kind. — To remove intoxication vomiting should be brought on by tickling the Fauces. — — — Cure



Cure, 1 Vomiting by tickling the Throat. 2 Cold water to the head and body generally. 3 Fear. 4 a violent action excited by Anger & if it can be greater than the intoxication. - Fear has been known to remove the effects of drinking too great quantities of Spirits. A number of Gentlemen assembled together in a house on the bank of James River "Virginia" having drunk freely, they were all intoxicated. The water began to rise in consequence of rain, at length the house they were in, was removed to some distance from the place where it formerly stood, but before they were landed they were all relieved from the effects of Bacchus.

8. Paralytic state of Fever, It occurs frequently during the prevalence of an epidemic or contagious disease. Authors have divided it into Hemiplegia when only one side is affected, Paraplegia when the lower parts of the body is affected and Paralysis partialis when particular muscles only are affected. All the common remote and exciting causes produce Palsy which induces Apoplexy. Paralysis is nothing more than an inferior grade of Apoplexy. Writers take notice of the Pulse being fuller in the affected side. Pulse is frequently full and tense sometimes depressed sometimes soft and nearly natural

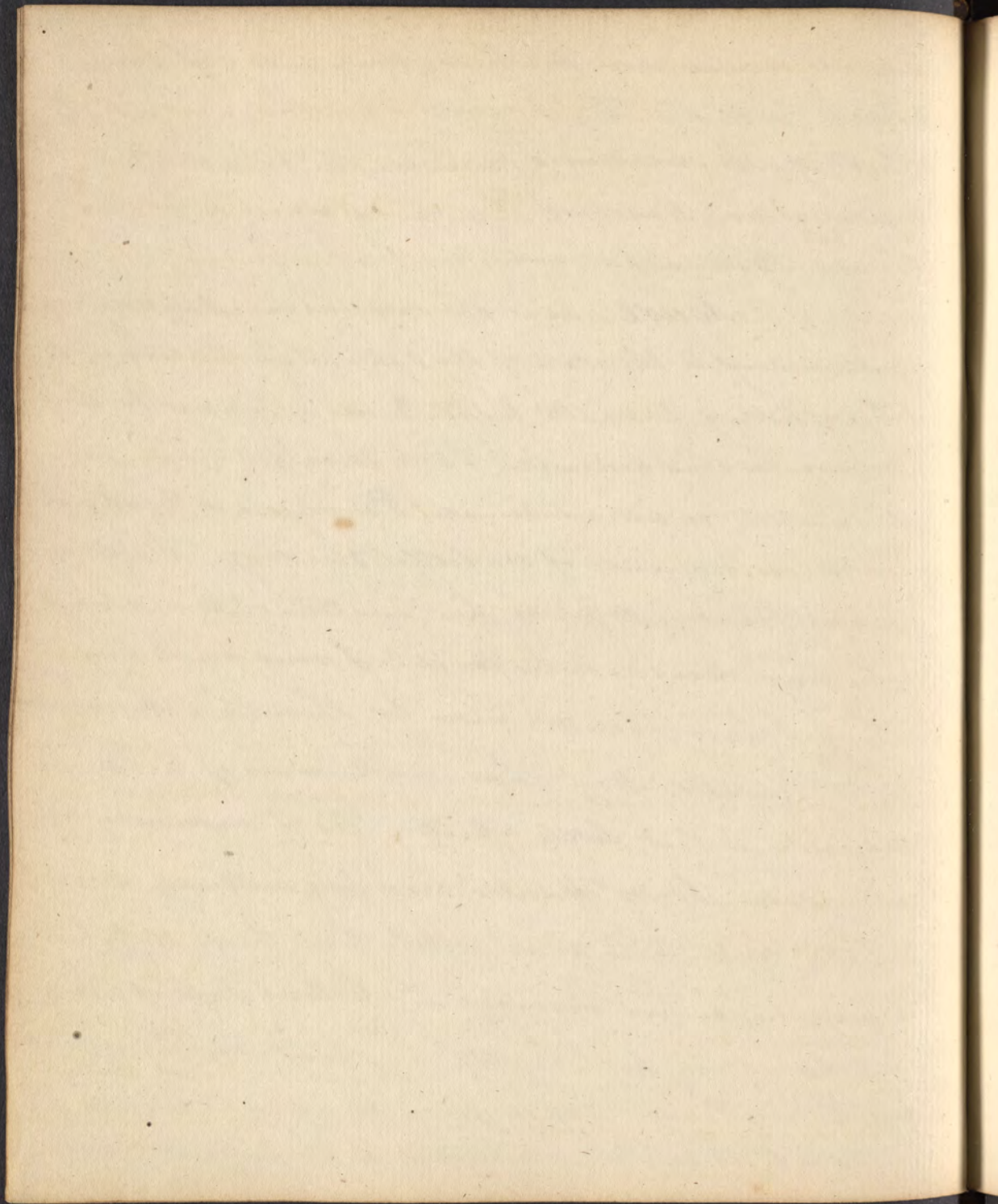


It affects women more frequently than men. Children seldom have it. The precursors are the same as in Apoplexy. It sometimes succeeds the small Pox, Dysentery and Catarrh in a slight degree and also the dry Belly ache. —

Cure, It is the same as in Apoplexy. —

Attending to the state of the system at the time. Bloodletting from 100 to 150 ℥. are necessary to be drawn in this disease — I am satisfied when it terminates in an incomplete Paralysis or Death it is in consequence of too little Bleeding. A soft and almost natural pulse here instead of forbidding bleeding loudly calls for it. I don't know any thing I have profitted more by than this observation of Mr. Hunter Viz. that in affections of the Brain the pulse is but little affected. 'Tis of immense application. If Mr. Hunter had left nothing more behind him, this alone would have been sufficient to perpetuate his memory. — Celsus says if a man be taken ill in high health he should be bled regardless of his Pulse. Lay it down therefore as a rule always to bleed in Palsy regardless of the pulse provided

/ your

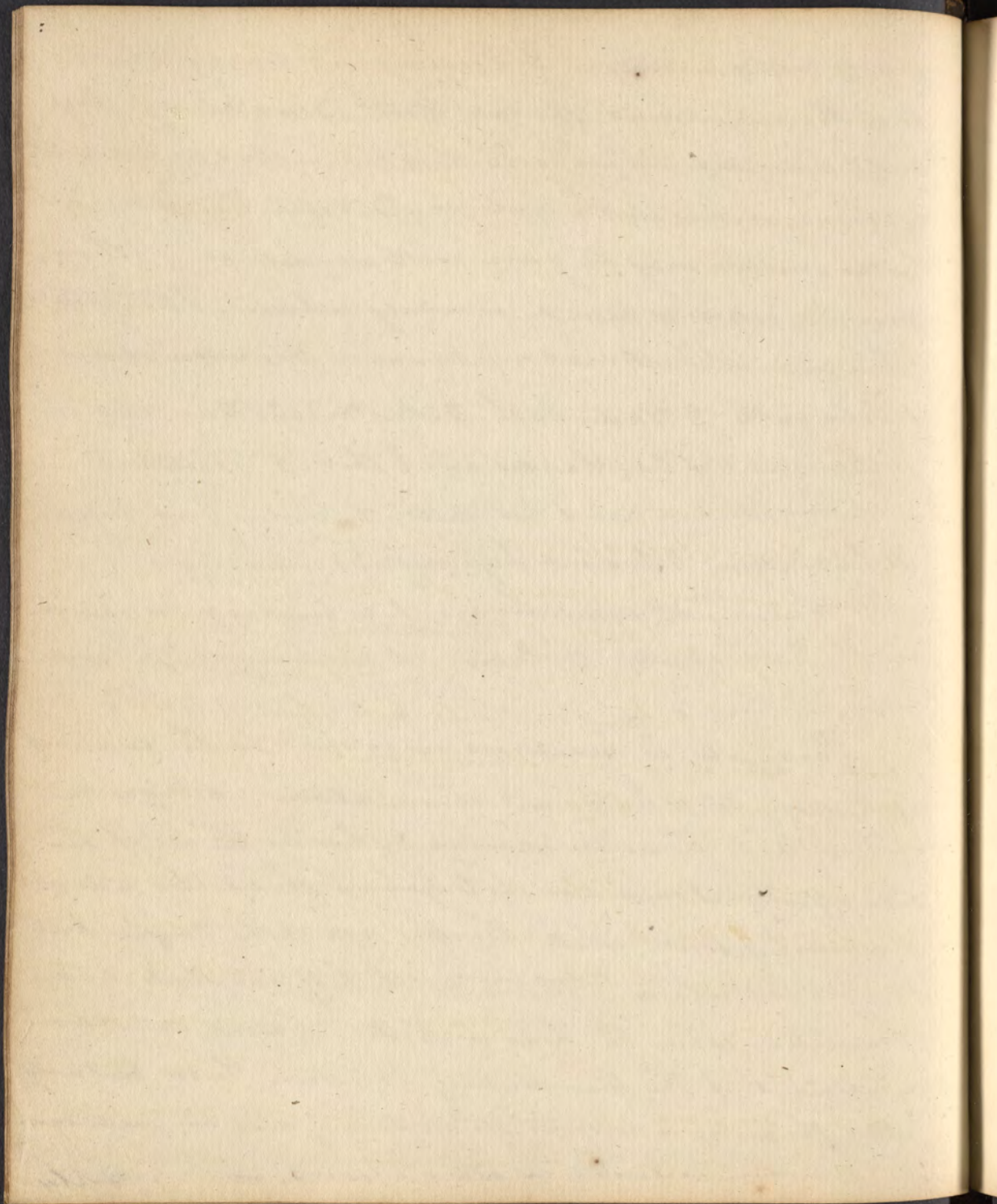


you be called in early. - 2 Purgings. The purges should be of the active kind. The late Doct. Bond always preferred purging. Aloes is the best of this class as it excites a strong action in the rectum. 3 Nitre, Calomel and Tartar emetic may be given with advantage. - When morbid action is entirely or nearly subdued, Stimulants there are either external or internal - The external are 1 Cold bath. 2 Warm bath. 3 Mustard and Horse radish. 4 Liniment of Cantharides and Ether. 5 Frictions. -

The internal are 1 Col. Salts. 2 Tinct. of Gum Guaiac. 3 Salivation 4 Violent passions and emotions. -

Favourable symptoms are 1. a prickling sensation in the part affected. 2. Pain. A sweating of the limb is unfavourable. -

Paralysis is sometimes occasioned by the fumes of lead, neglected or half cured rheumatism. All ages are subject to it. Tears are sometimes shed by the eye of the side affected. I once saw the tongue on the affected side of a whitish colour, while the other side of the tongue kept its natural colour. Blisters on the head and Neck and Venesection when the head is affected, Leeches, salivation excitement of the Stimulating Passions, Terror, Electricity after the pulse is reduced Stimulating diet and medicines - sometimes cured by other Fevers. - 1 Phobias

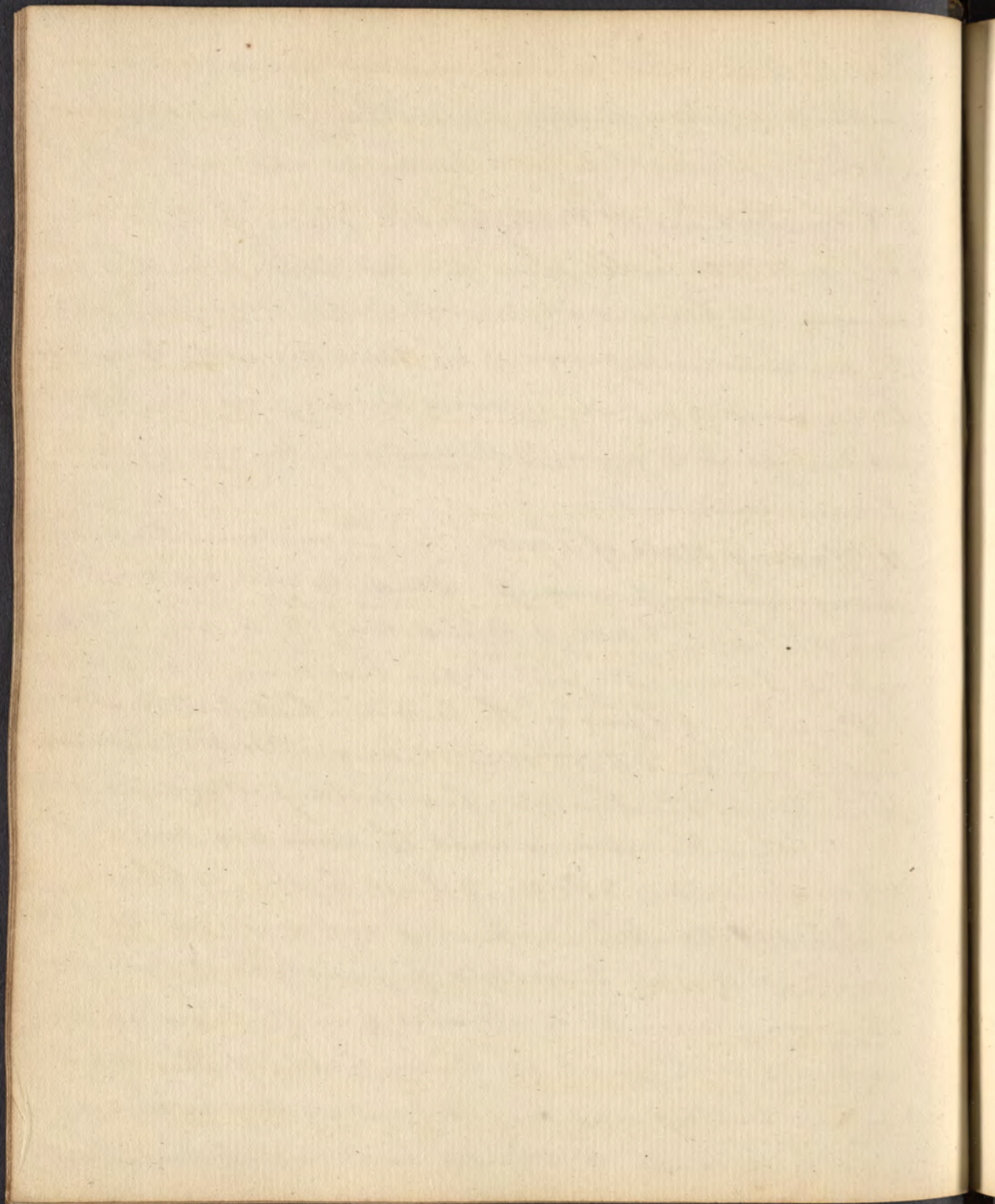


Prophylactic remedies are necessary here as well as in apoplexy - viz. Stimulating where there is debility and depleting where there is a fullness. —

9 Comatose and 10 Vertiginose states of Fever, they are to be treated in the same manner as the former, remembering to accommodate remedies to the state of the system. They are only lower grades of the same diseases. Coma in the beginning of fever requires bleeding, in the latter and low states it requires stimulants. Vertigo requires the same treatment. —

11. Waking state of Fever. This is sometimes the premonitory symptom of madness. Studious men are most subject to it. Cure, 1 Bloodletting 2, Silence. 3 Dark ness 4 Labour used just before bed time, 4 Low diet. 5 Prurging. 6 Lying on the back in which position muscular action is least stimulating - Doct. Franklins remedy was thinking on wheat fields just before harvest.

When the action is weak the remedies are 1. A moderate supper. 2 Porter. 3. Laced. Liquid. 4 Cheese. 5 Asafetida. 6 By imparting equal excitement to the whole system as by walking frequently across the room. This wears down the excitement from the brain and diffuses it through the lower limbs. 7 Thinking on one subject and that not interesting as counting 100 backwards. 8 Aguelle's noise as the falling of water.



The Poet speaks of the *Levis susurris* of Bees. g. Sleeping on the side. 10 Monotonous sounds, they produce no thought. 11 Light sometimes induces sleep. The students are not subject to this form of the disease. —

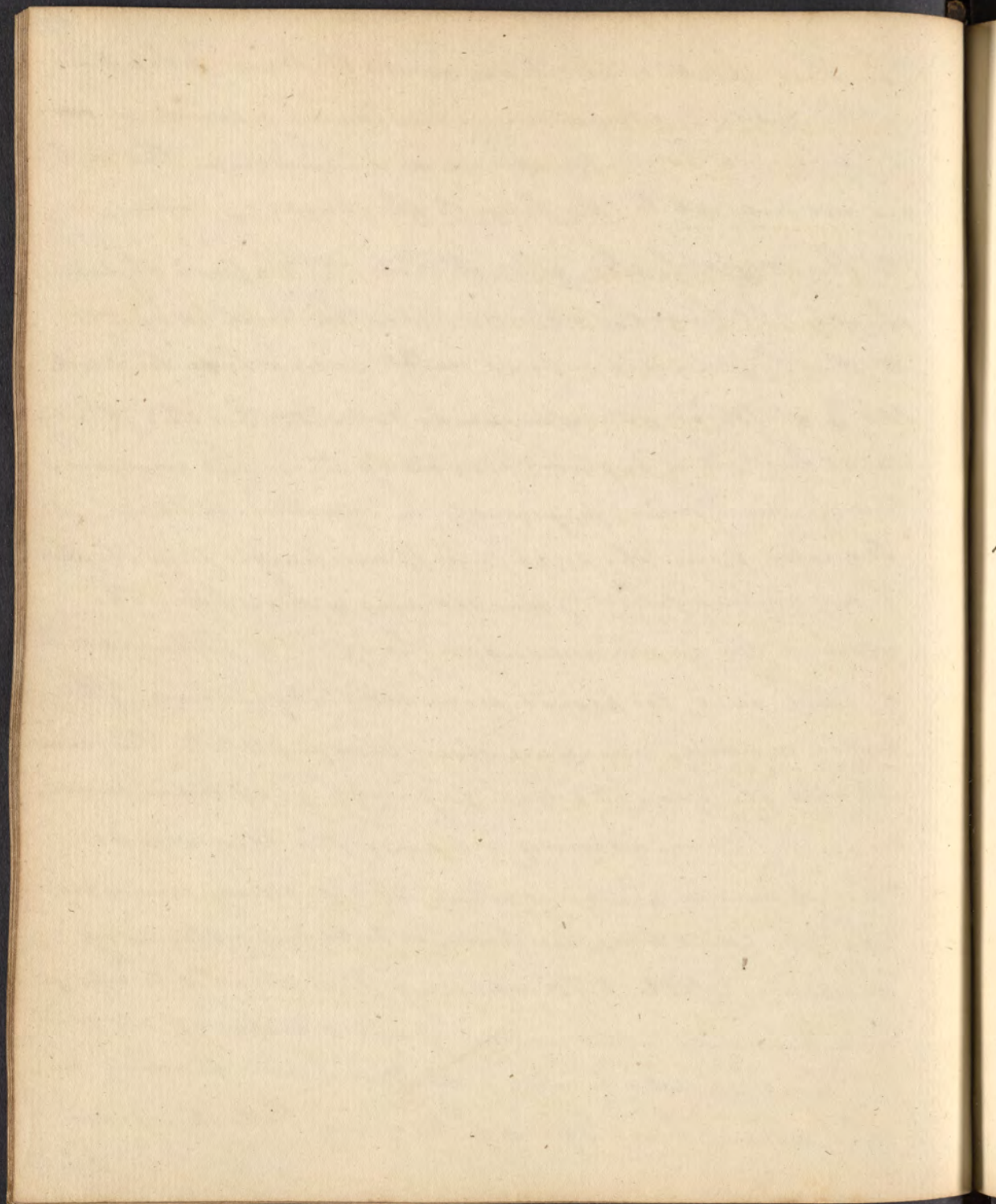
12. *Hydrocephalic* state of Fever. This affects children chiefly. It however appears sometimes in adults.

Dr. Rush attended a lady in 1801 from whom he took 100 ℥. of Blood and afterwards salivated her and thereby saved her. It is frequently caused by blows and contusions. It is however most frequently a symptom of Fever. —

It occurs from the suppression of discharges from the skin, from consumption, from stopping a diarrhoea. The water in the brain is always the effect of Inflammation of that part, tis proved from all its symptoms. The pulse is hard, tense and slow. *Vide* my 4. Vol. Tis remarkable the pain and fever frequently go off before death, tis owing to an effusion relieving the bloodvessels. —

The effusions however react and produce convulsions. The remedies likewise prove it to be an inflammatory disease. CURE, 1 Blood letting this should be copious and frequent also cupping and scarifying all over the head should be used. Before I used bleeding in this disease I lost 29 out of 30 of my Patients, since

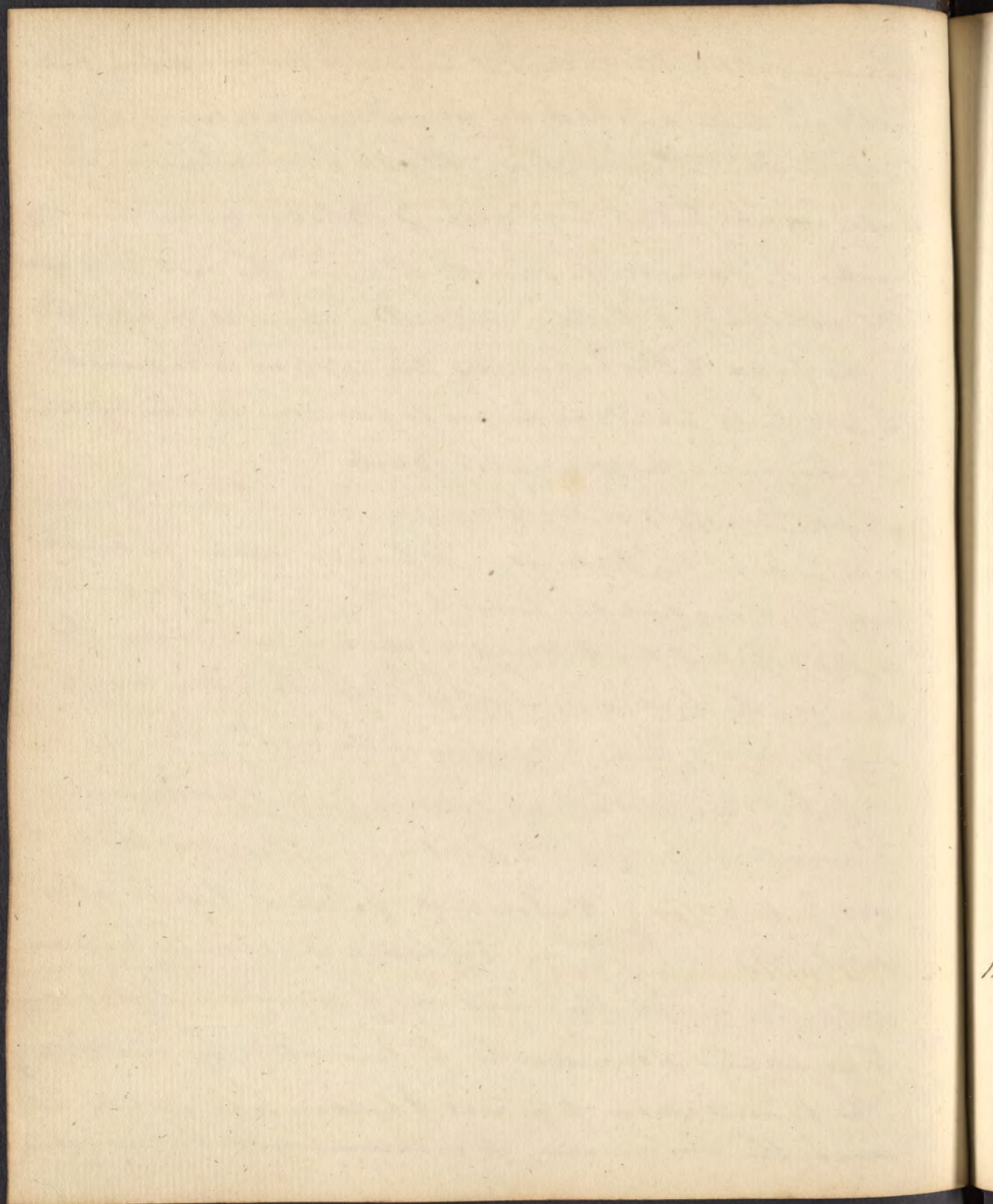
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I have adopted bloodletting I have not lost one when I was called in time and had an uncontrolled exercise of my judgement. 2. Purges, these should be given every day. Calomel and Jalap preferable. 3 Blisters to the head & neck. 4 Salivation should be used, tho' not till after bloodletting. 5 Cold water or Ice should be applied to the head. 6 Perhaps after the system is reduced the cold bath would be proper to give tone to the system and prevent a relapse, also Bark

13. Nephritic state of Fever, is generally the effects of worms or calculi in the Kidneys. It however occurs in small pox, Gout, malignant fevers &c. There is an engorgement of the vessels of the kidneys, tis known sometimes by pain in the back, numbness of the thighs, retraction of one of the Testicles, retention of Urine &c.

CURE. 1 Bloodletting seldom fails of producing immediate relief. 2. Cold air. 3 Purges. 4 Glysters are of great use. 5 Low diet. 6 Lard. Liqueid after depletion. — When Nephritis is chronic as from calculi small bleedings are of immense service — Gravel and Stone might be prevented by bloodletting The foundation of Gravel I believe to be nearly always, the consequence of inflammation in the Kidneys. —

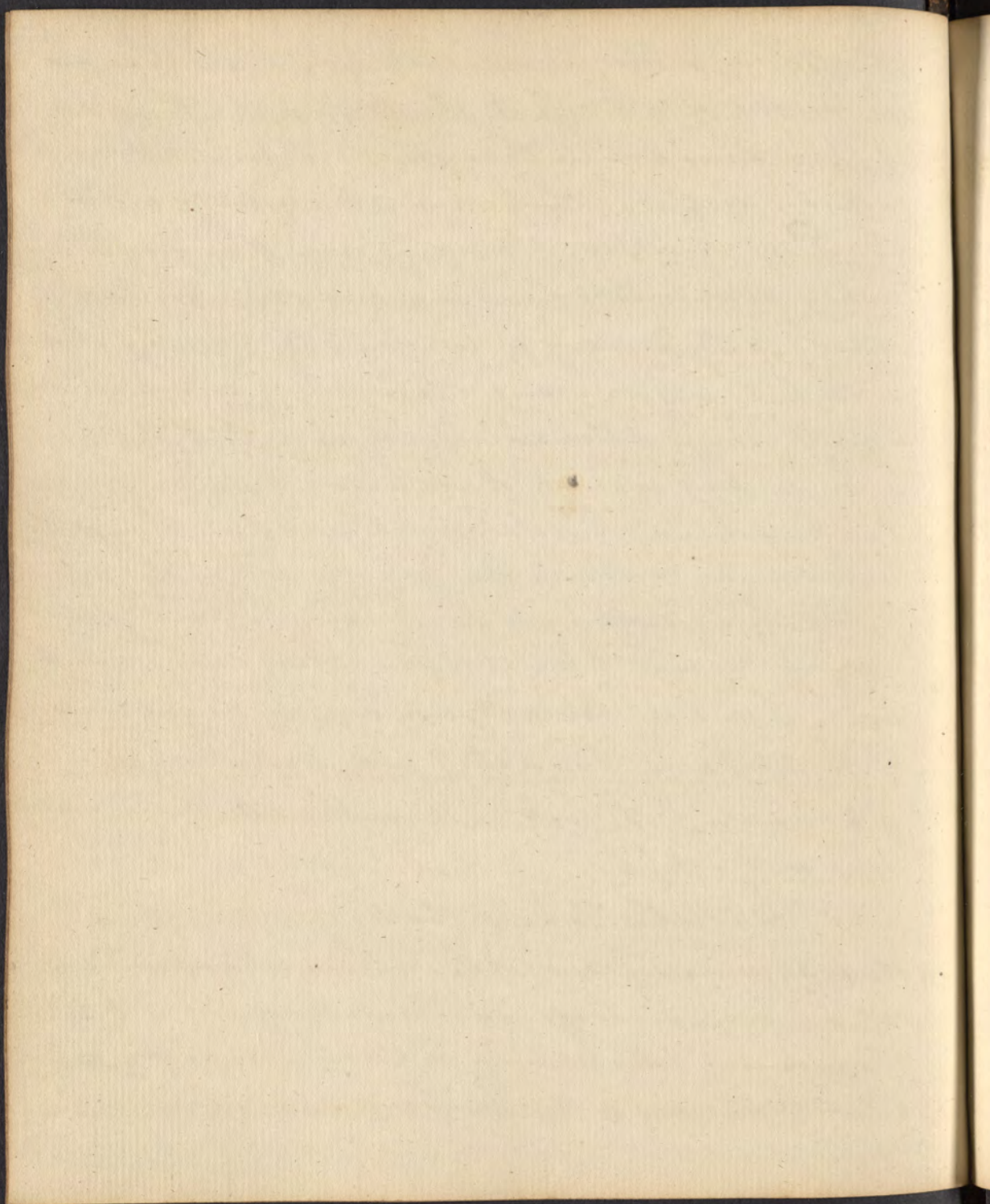


The effusion is blood or coagulable lymph, which forms the nucleus for a stone. We should be led then to deplete early in diseases of the Kidneys. — There is a kind of calculus diathesis which should be carefully avoided by Prophylaxis, 1 Avoiding every thing of an acid nature, as an acid is found frequently to be the basis of calculi. 2 By avoiding costiveness. 3 By avoiding sleeping on the back. 4 By avoiding a hard going horse or carriage. 5 Gentle exercise of that kind which moves the back chiefly. — 6 By drinking copiously of cold water; Green tea &c have been recommended but I suspect they act from the water they contain; The Virginian Springs are useful in this way. — 7 Alkaline solutions and Lime water, they act by neutralizing the acid. 8 Certain bitters as Uva Ursi which I believe is the best, should be given during the intervals of the paroxysms, Bark itself and all other Tonics. 9 Cold water to the back with cloathes. 10. Avoid making water on the back —

Cystitis is cured by the same remedies.

- 14 Hydropic state of Liver, I have said morbid action in the Blood vessels tended to effusion, The matter effused is 1. Air, This frequently takes place in the bowels in cases of bilious fever. 2 Halitus or Vapour. 3 Secum This occurs in

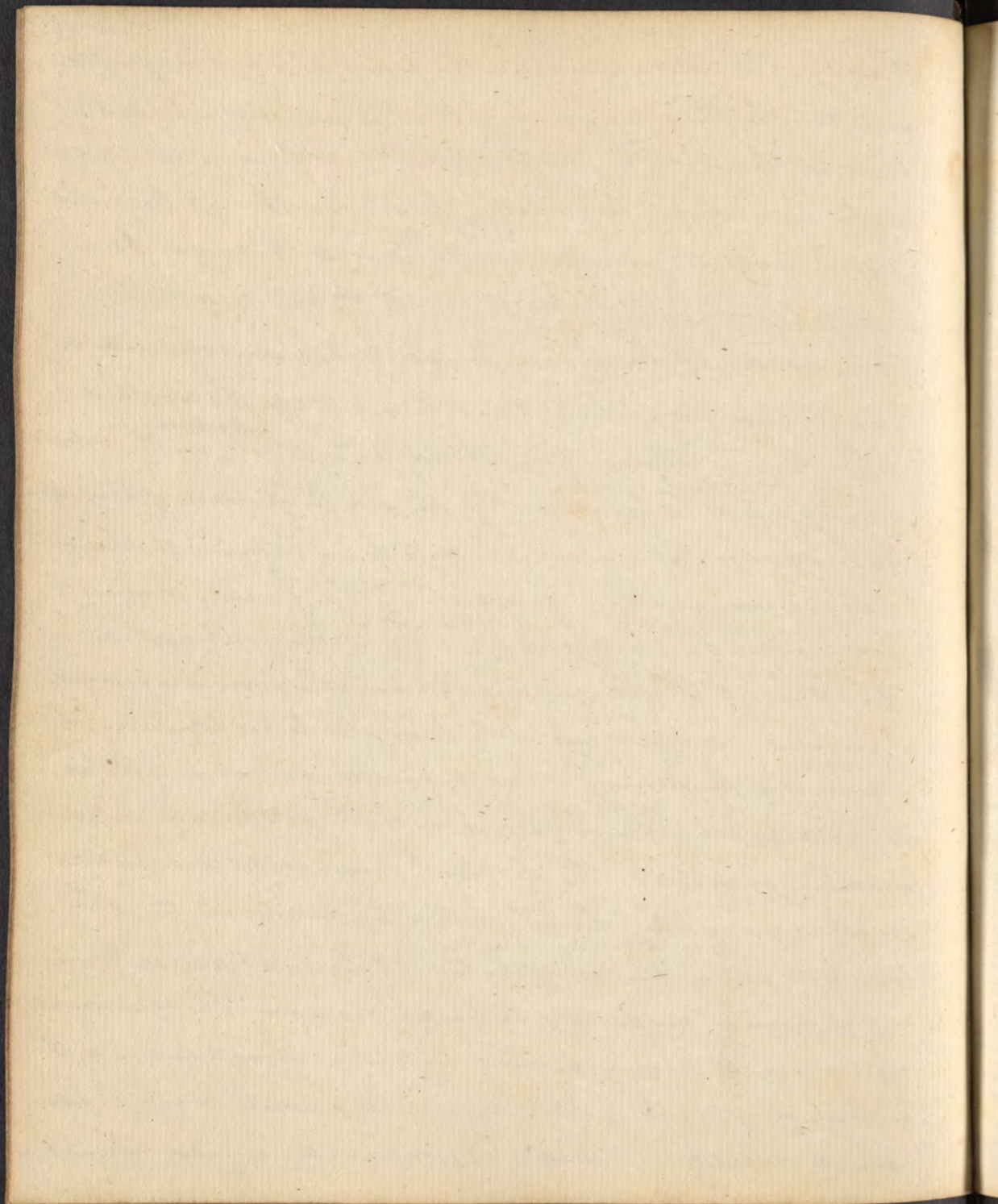
Dropsy



Dropsy. The water effused in the brain does not coagulate according to the experiments of Doct. Woodhouse, probably from its being more finely separated. 4 Serum and coagulable lymph are frequently effused together. 5 Coagulable lymph is effused alone as in the Bowels, Kidneys, Liver, Lungs, Spleen, Gall bladder, joints &c. and in all those places calculi have been found. 7. Serum, coagulable lymph and red globules have been all effused together.

When there is a congestion a kind of Paralysis ^{takes place} in the vessels Congestion is produced by the over proportion of Stimulus. When effusion takes place the vessels are relieved of their load and are excited into action. When Serum is effused into any of the cavities of the body Dropsy takes place. — The Scarlet, Puerperal, and Rheumatic fever frequently terminate in effusions which mostly takes place in the extremities producing what goes under the name of Anasarca. The Intermitting fever effuses into the abdominal cavity producing Ascites. The catarrh frequently terminates in effusions in the Thorax called Hydrothorax. In the Brain it forms Hydrocephalus internus. Nineteen Dropsies out of twenty are purely Arterial diseases. The occasional occurrence of Dropsy from a ruptured lymphatic is I believe very rare & still more seldom does it occur from direct activity. — Dropsies naturally divide themselves

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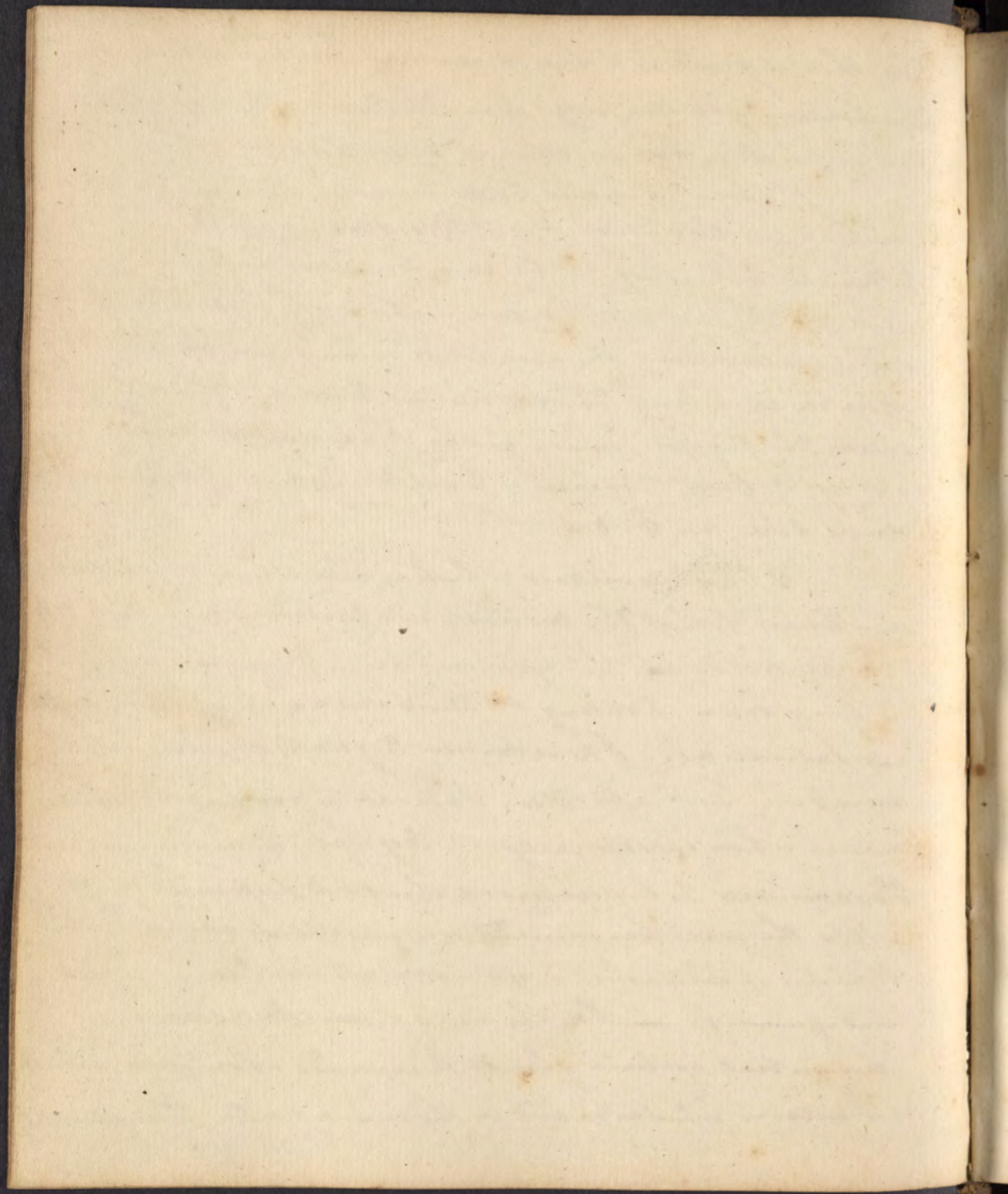


into those of great and those of moderate morbid action. Of this however you can judge from the Pulse which is slow in Hydrocephalus, Intermittent in Hydrothorax &c. —

1. Those remedies for the disease which act by diminishing morbid action are, 1. Bloodletting. 2. Purges. 3. Vomits. 4. Fasting. 5. Certain acuties as Digitalis, Nitre &c. They act only by diminishing the quantity of serum and giving the absorbents room to act and do their office in absorbing the stagnating water. Bleeding answers the purpose much better than any of them. — 6. Fear. 7. Cold. For facts to prove the justness of these remedies - vide my 2^d. Vol.

2. Those remedies which excite a healthy action are Tonics both of the Vegetable and Metallic kind. vid. 2^d. Vol.

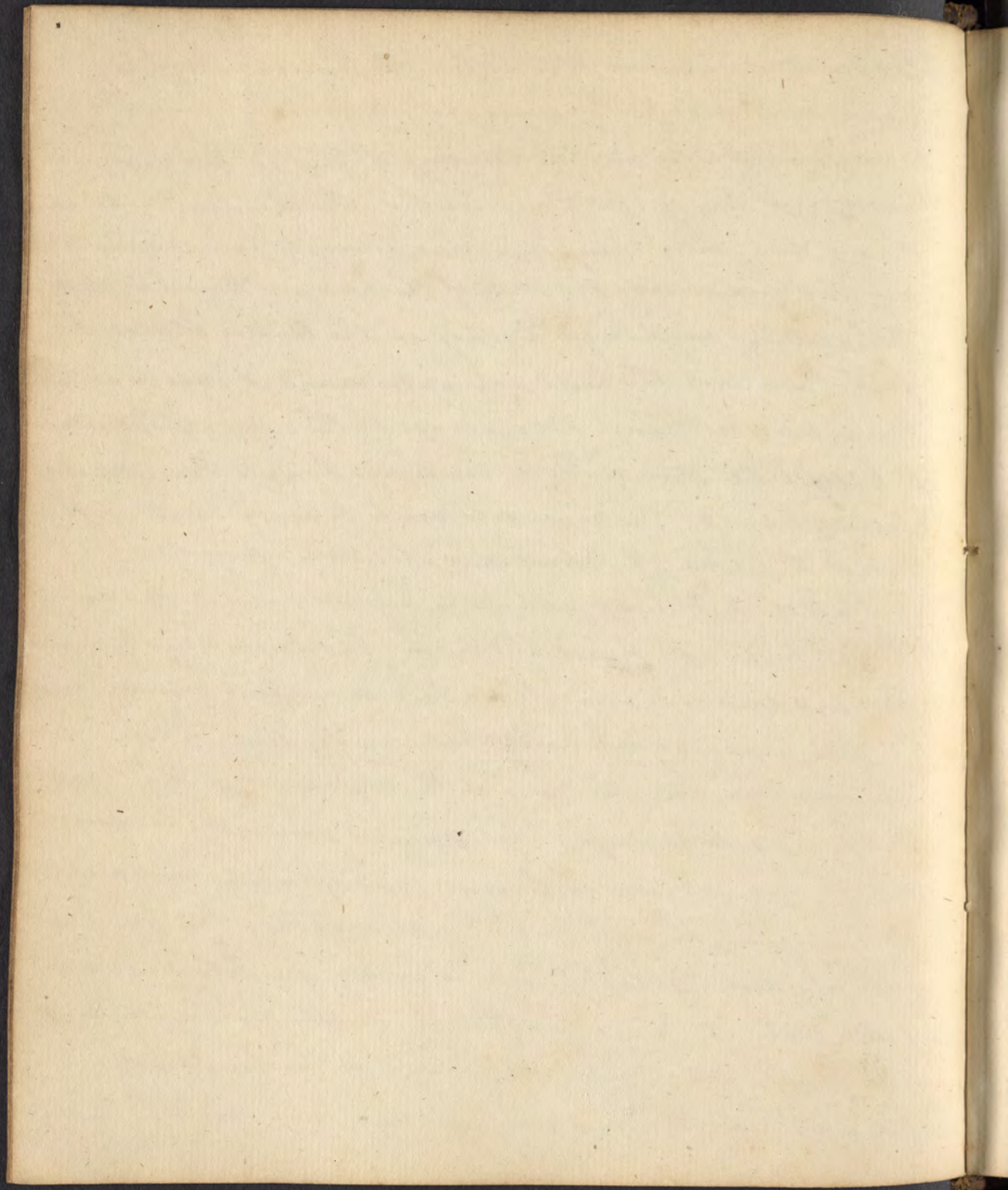
Hydrothorax, the symptoms are - Dyspnoea, difficulty in lying down, panting &c. Remedies are Constriction, Scilla and Salivation. - I have known Digitalis of service in this disease. - Ascites, Salivation generally performs a cure when excited early. - Digitalis of no service. - Paracentesis to be servicable should be performed early. - After the water has increased considerably to abstract the stimulus of distension is often attended with dangerous consequences. - In the cure of an Anasarca a recumbent posture should be enjoined upon your patient Frictions upwards and in the morning only. Punctures; but



but Scarification never to be used. — To prevent a relapse
Tonics should be had recourse to. —

Since I have adopted bleeding in Dropsy my success in
recent cases has equalled my wishes. In chronic Dropsies
I have been more successful than formerly from accommoda-
ting my remedies to the state of the system. However new
Bloodletting may be in Dropsy in the United States I
find I am not the first who introduced it into practice
It was used in France 100 years ago by the celebrated Botallus.

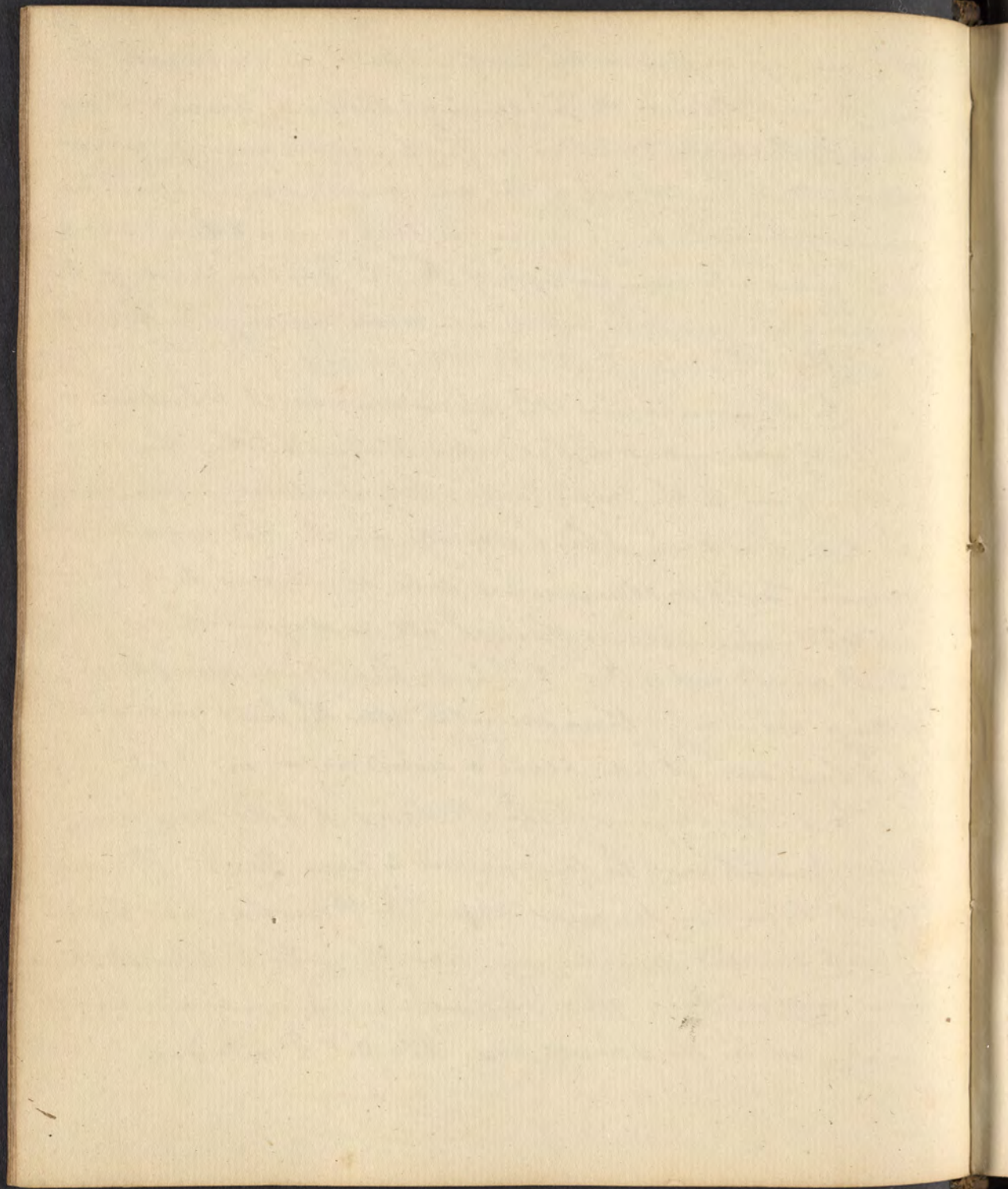
15. Eruptive state of Fever, includes Small Pox, Measles,
Scarlet Fever &c. The remedies are to be accommodated to the
state of the system. 1 Bloodletting should be copiously used. —
2 Purges. 3 Mercury should be frequently and freely admin-
istered to save the breast, and brain. The Anomalies to small
Pox in addition to what I have said in my first volume, are
1 There is a great difference between the time of receiving
the infection and the time of the appearing of the Fever
as from 5 to 20 days. The 14 day is generally the period
in the natural way. 2 In some cases no eruption takes place
3 Sometimes the fever continues during the whole time of
the eruption. 4 The effusion is serum, purulent matter
and blood. 5. There is a difference in the continuation of
the suppurative Fever. Nine days is the common time
it will however sometimes continue from the 5th to the



20th day. It differs in the part it affects as the Brain, Lungs, Lymphatics, Glands &c. producing Abscesses, Trachea producing Cynanche Trachealis &c. Also in the limbs producing mortification. 7. A second crop of Pox sometimes appears which are generally brought on by some exciting cause. 8 Some escape it for years and even for life. 9 In the Eastern parts of the world writers say it is never infectious during the Haematan Winds. This much for the natural way.

In Inoculation the anomalies are 1 A failure of the fever after infection has taken place. 2 When there is an inflammation of the part shortly after inoculation resembling the bite of a Wasp I have scarcely ever in these cases seen it succeed. 3 No inflammation will sometimes be on the arm and the fever will go through all its stages with regularity. 4. A second crop of Pox. 5 I have heard of an eruption setting regularly three months after the first infection. 6 I have seen it take place a second time. Vid Vol 1. —

For the treatment of the Measles I will refer you to Doct^r. Sydenham, he taught me to cure them. Bloodletting should be used in the early stage. The Diarrhoea and Cough which succeed Measles very readily yield to Bloodletting. You may prepare your patients as certainly and as effectually as in the Small pox. Vid. Vol. 2^d med. Inq. —

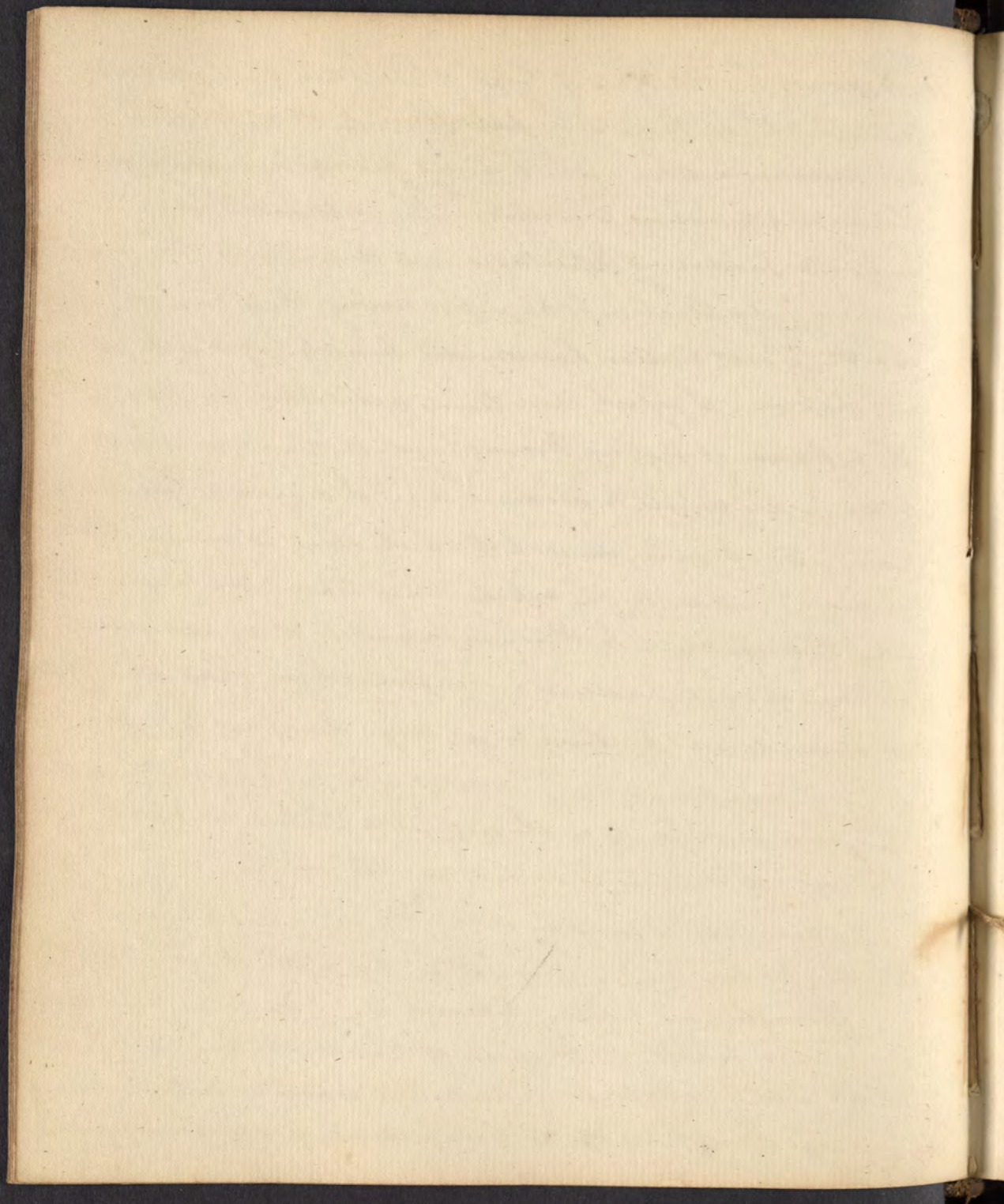


96 Hemorrhagic state of Fever, The system from various causes is liable to plethora, and there can be no plethora without previous debility, which being greater in particular parts there a greater action is excited. The Arterial Plethora occurs in youth producing Epistaxis and Hemoptysis. The Venous plethora takes place in old age producing Hemorrhoids, Melena &c. Doct. Cullen has divided Hemorrhages into active and passive. I reject these terms altogether, for I deny the existence of passive Hemorrhage, action must take place in the vessels to produce it. - I divide them into Tonic and Atonic, in each of which there is more or less of morbid action in the vessels. They are related to each other like Pneumonia to Pneumoniola. There are some who are of such particular conformation that the slightest wounds will produce very large discharges of blood.

Predisposing cause is debility in every part of the system but more particularly on the surface of the Lungs, nose &c. - This debility disposes to violent morbid action.

Hemoptysis may be called Pneumoniola cruenta the vessels here relieve themselves by a discharge of blood.

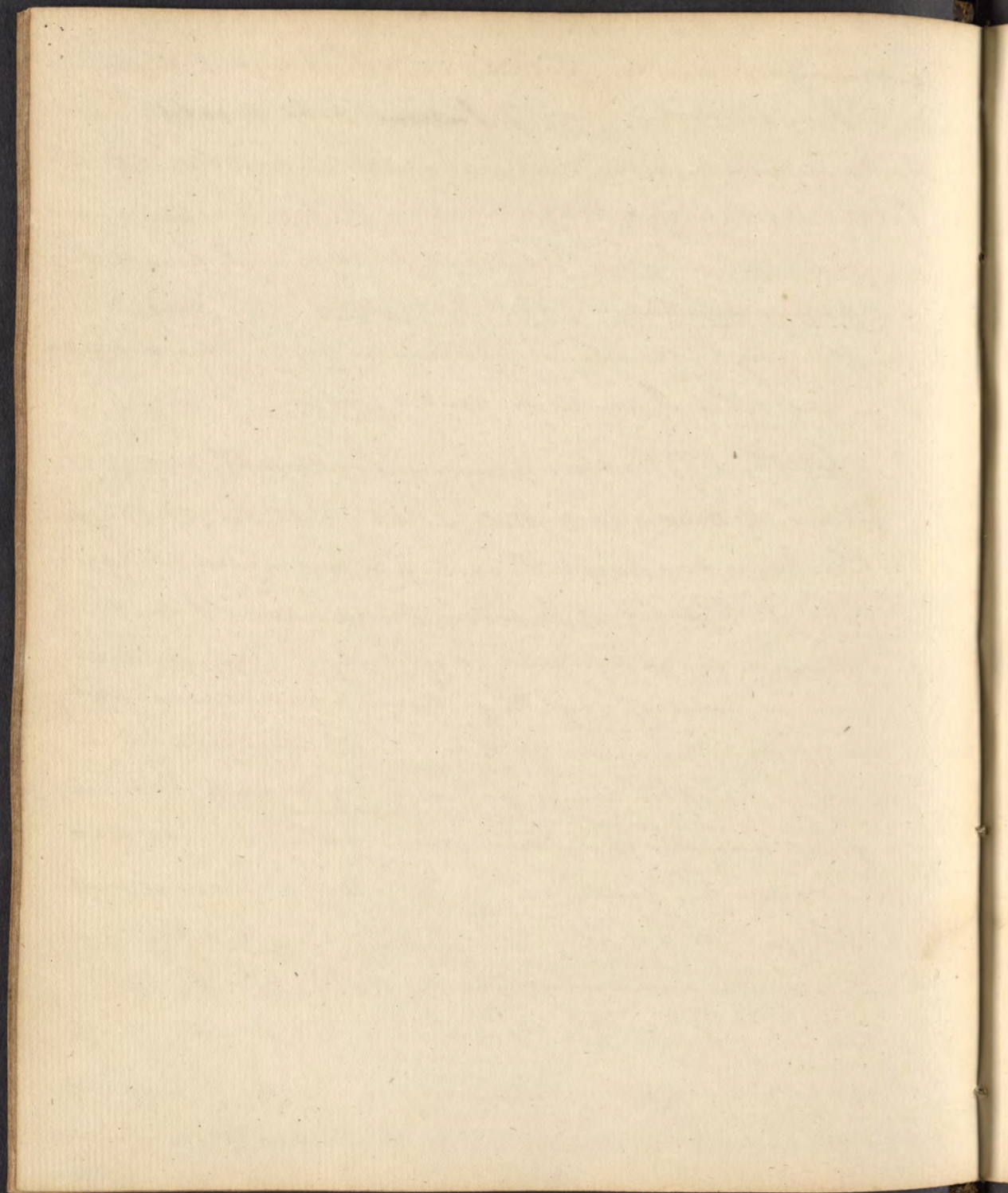
Remote and exciting Causes are, 1 Sudden visitations from heat to cold. 2 Puffiness of the atmosphere. 3 Passions of the mind. 4 Exercise of particular parts as loud hollowing, singing, Laughing &c 5 Cold applied to one part and



determined to another, as cold put to the lungs. 6 Great heat or purpura from cloathing. 7 *Intense heat or cold.*

8 A determination to certain vessels rendered weak by habit. 9 *Animal Magnetism.* - When hemorrhages once appear they are very apt to return. Is hemorrhage a salutary discharge? No. Is nature to be trusted to for the cure? No. She is to be trusted less in this disease than any other I am acquainted with. -

CURE, 1 Bloodletting, accommodated to the state of the system. 2 Cold applications, as air water, Ice &c. The effects of these reme. dis prove the justness of my profemate cause. 3 Lemiut Purges. 4 Sedative Medicines as Nitre &c. Sileum as an astringent is usefull - Saccrum Saturni given in Doses of gr. ij three times a day is a valuable remedy in all hemorrhages - The effects of cold air in putting a stop to hemorrhages is wonderfull, I think a great number of Soldiers during the last war was saved after the battle of . Dry cold air is preferable to moist. A play actor having a violent Gonorrhoea and finally a mortification of the Penis, the dead parts sloughing off, a Hemorrhage took place, which was effectually restrained by a stream of very cold air accidentally coming upon the patient thro' a window.



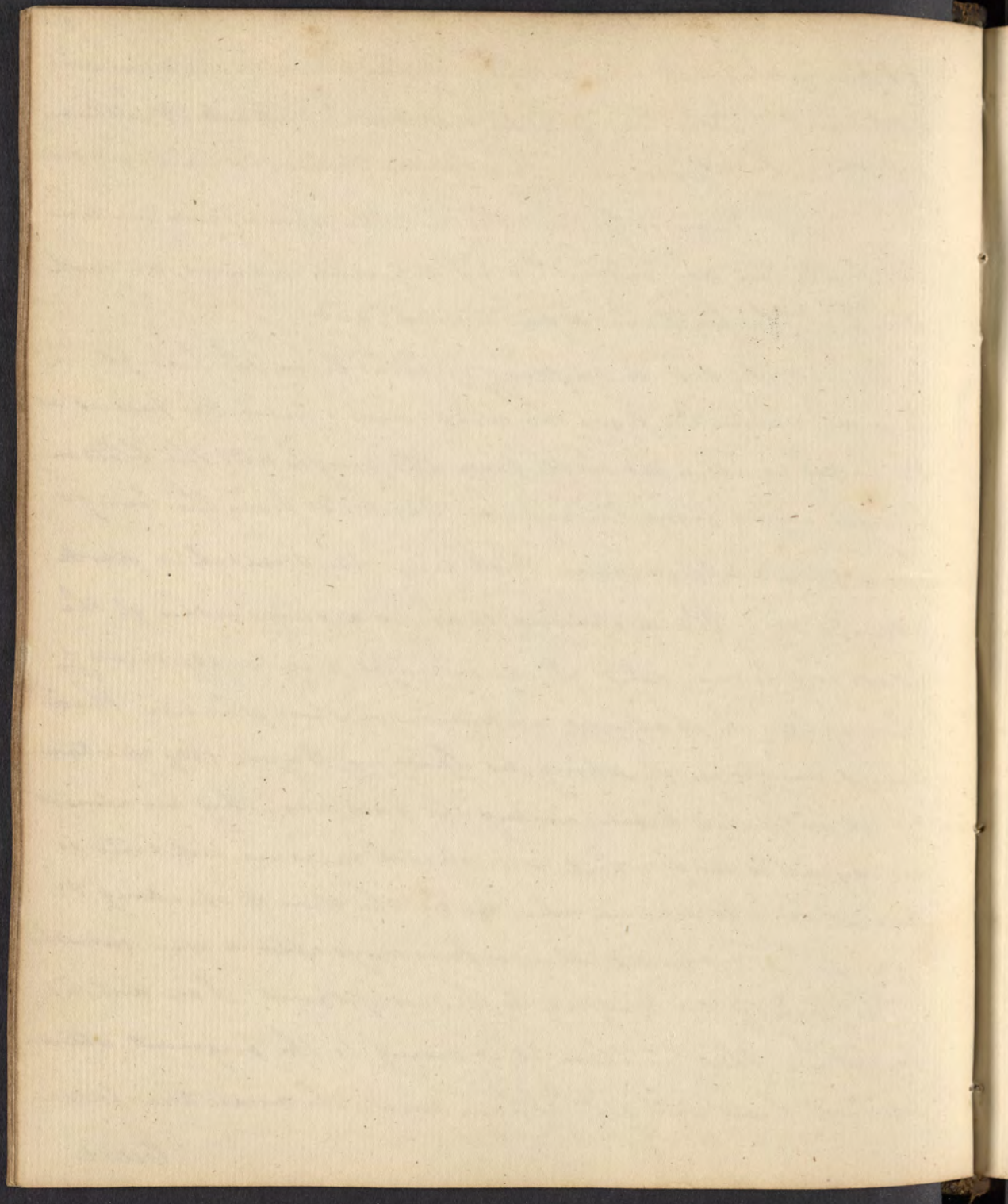
After morbid action is reduced by the above remedies give
 1. Opium, 2 Blisters, 3 Common salt. 4 Bark. 5 Allum.
 6 Cold bath. 7 Exercise - Ligatures round the limbs usefull.

The Hemorrhages which take place from particular parts are distinguished by different names, on each of which I shall say a few words, and

1. Hemoptysis, or spitting of blood from the Lungs. - It is distinguished from the blood coming from the fauces as the latter is attended with fever and cough and the blood may be seen oozing from the vessels. The blood from the lungs has a florid appearance that from the Stomach is dark coloured &c. - Predisposing cause is debility either of the acute or Chronic kind. It occurs most frequently during the night. It is almost unknown in those who use their Lungs much in speaking, as Lawyers, Cryers, city watchmen &c. It is seldom known among the Germans, they are almost all taught to sing, which is, in a great measure, supposed to prevent it. It seldom comes on at the time of speaking &c. sometimes not untill three or four days after or even months.

The Clergy are subject to this complaint. I am disposed to believe that in them it is owing to the frequent attenuation of heat and cold. I have known the disease twice fatal.

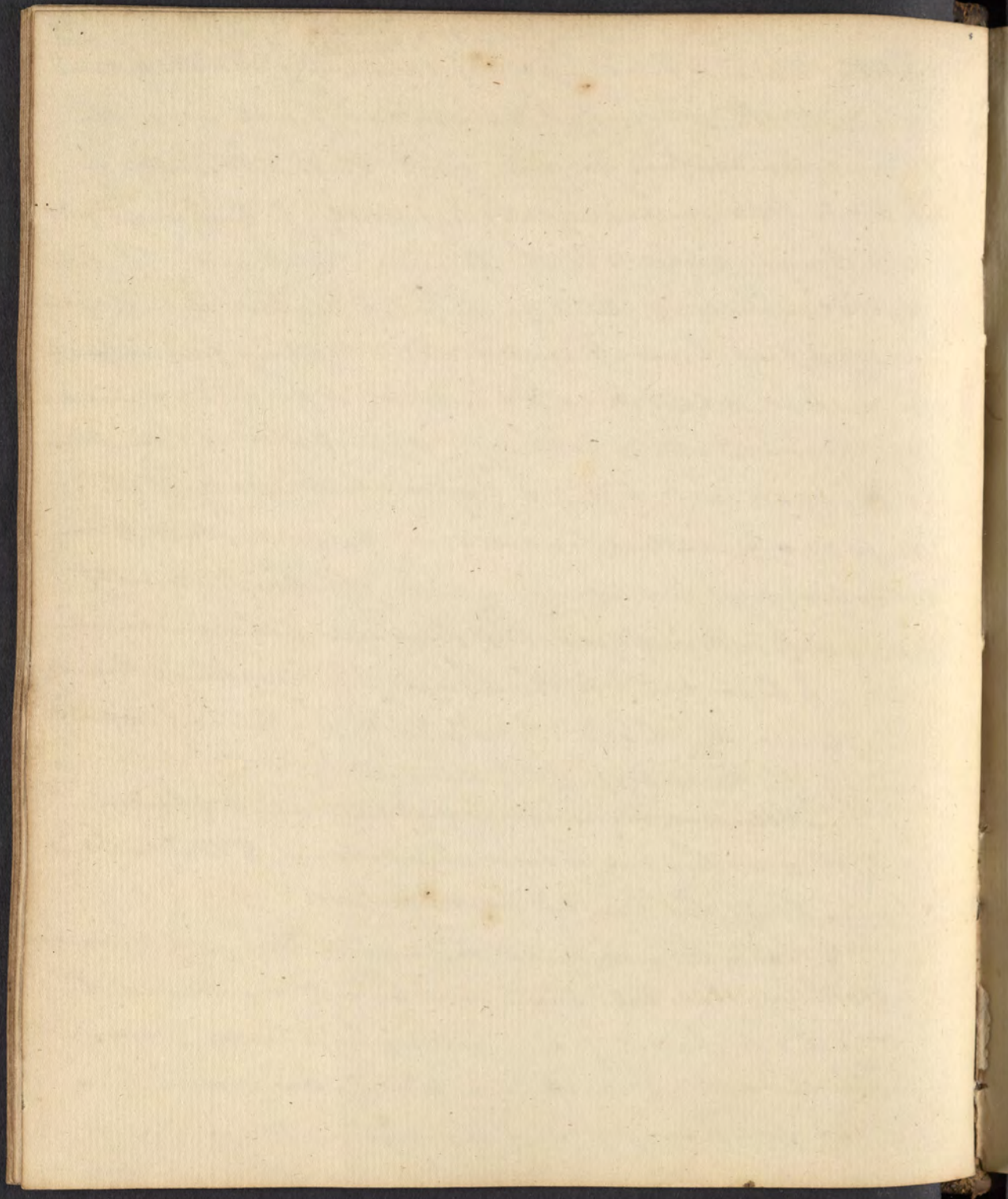
/ Cure



CURE, This is to be attempted by 1. Lessening morbid action in the whole system by 1 Bloodletting, In the use of the Lancet you are to be governed by the Pulse. It would be better to bleed moderately and frequently. 2 Cool drops and cold liquors applied to the Breast, Scrotum &c. The late Doct. Cadwallader cured himself of a violent Hemoptysis by stripping himself naked and wrapping himself up in a sheet dipped in cold vinegar. It produced universal constriction. 3 Acids as vinegar, Rose water &c. 4 Nitre, Allum. 5 Vegetable diet. 6 Rest of body and particularly of the lungs to obviate morbid action. - Common salt from a teaspoonfull to a tablespoonfull. This has frequently put a stop to Hemoptysis. The stimulus of this medicine seems to be confined to the Lungs. - it occasions a burning sensation in the throat. It should by no means be admitted during the Tonic stage of the disease. -

After morbid action is subdued use 1. Opium. 2 Blisters, They are of immense service. 3 British Oil I have heard has been used with success.

2 To obviate debility and to prevent a return of the disease all the methods laid down in consumption should be attended to, particularly a moderate climate, Journeys. a liberal diet and bark. Bark is of great service I can speak of it from personal experience. Many People



subject to this disease live to an old age. —

2 Epistaxis, or bleeding at the nose. It most generally proceeds from arterial plethora. I have known it twice fatal in malignant fever and notwithstanding the patients lost considerable quantities of blood from the arm yet still the pulse continued obstinately tense to the last.

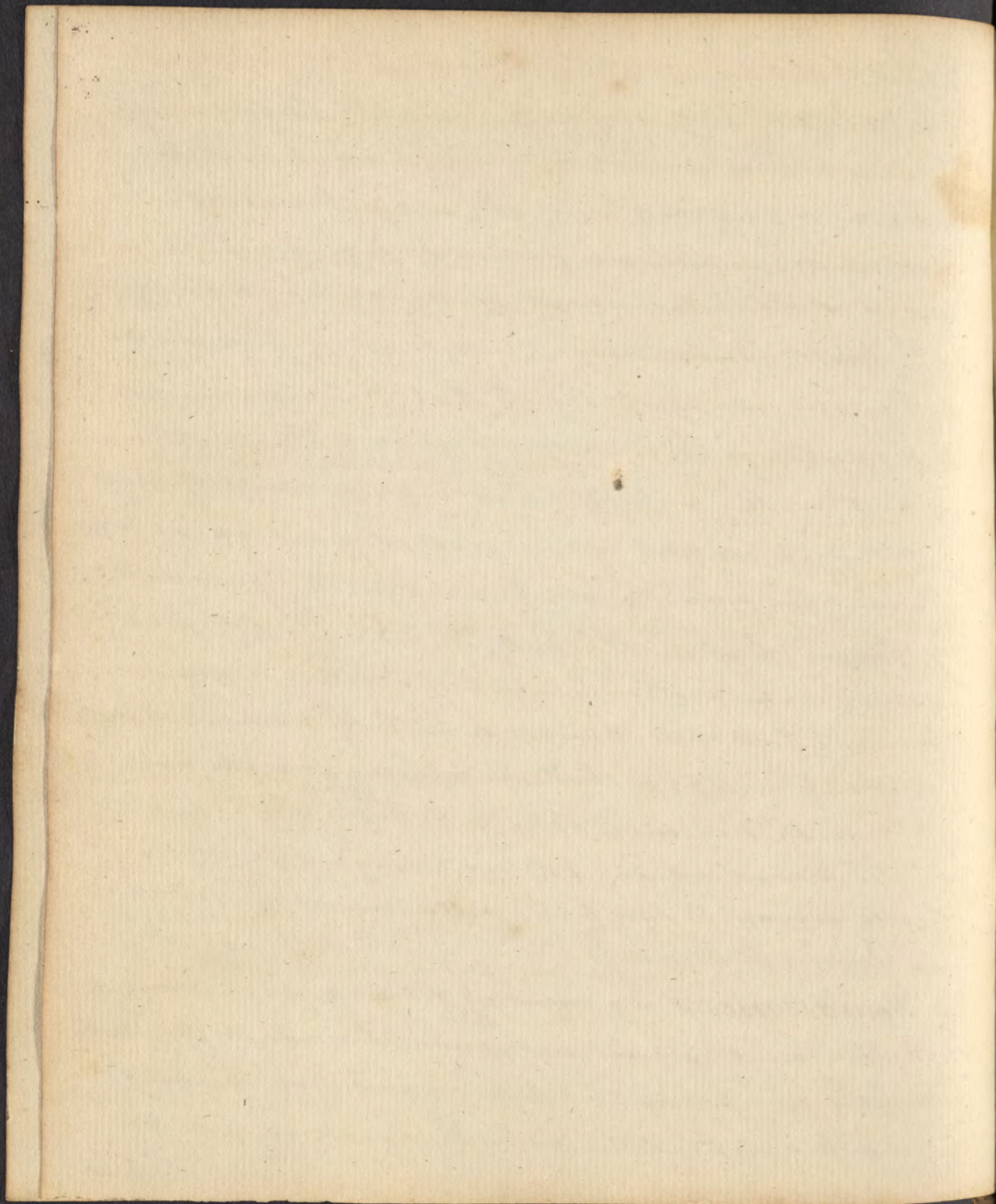
Cure, Bloodletting should be used if the system be brought into sympathy. 2 Rest. 3 Laxative purges 4 Cold water to the neck Scrotum &c 5 Plugs of linen or lint in the nostrils. — To obviate a return the patient should use a low diet. Should avoid much sneezing or blowing the nose. Should beware of tight ligatures &c.

3. Hemorrhagia uterina, This is to be cured in the same manner as other hemorrhages. 1 Rest is of immense service. 2 Cold water, Vinegar or Ice to the parts. 3 A stream of cold air directed to the parts previously made bare. — 4 Flour thrown on. 5 Blisters to the thighs. —

To prevent return, 1 Bloodletting occasionally. 2 Gentle exercise. 3 Bark and Port wine. 4 I should avoid climbing up stairs. —

4 Hematemesis, or a vomiting of blood from the Stomach. Remote causes are acid substances taken into the Stomach, Emetics, conceptions, obstructed menses, Hard drinking, contiguous obstructions as in the Liver, Spleen &c. —

of the Cure

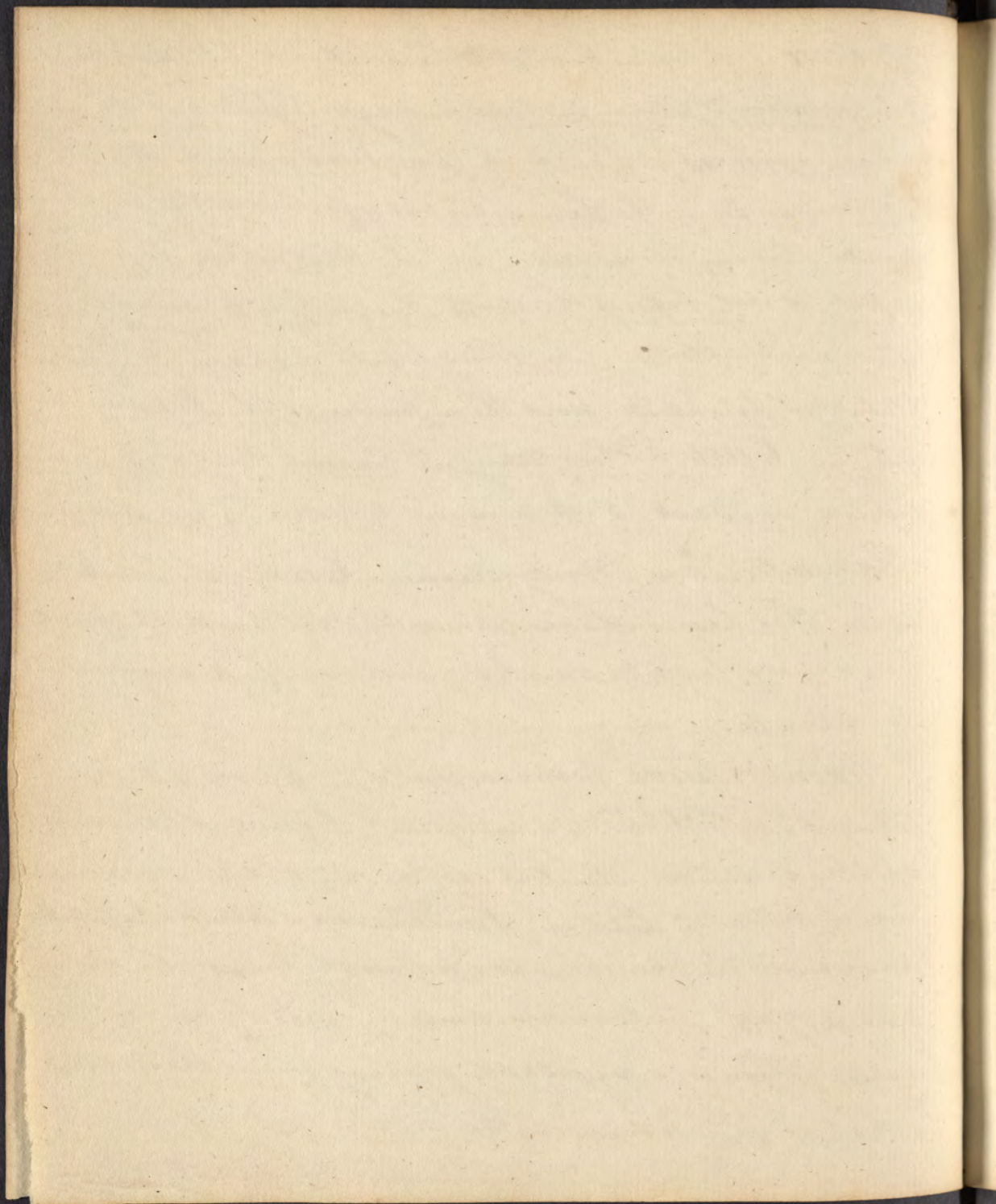


The Cure is the same as in other hemorrhages. 1 Bloodletting.
2 Cold water. 3 Common salt. 4 Laud. Liquid.

5 Hemorrhoids or Piles. In order to discover whether the blood comes from the hemorrhoidal vessels or not I will make this one observation, i.e. The blood when from these vessels comes before the stools, but when from any other part after. — In some parts of Spain this complaint is prevalent, and there prevents the Leprosy & Itch. — Cure. 1 Bloodletting. 2 lenient Purges. 3 Laud. Liquid. 4 Bark. 5 Astringent Glysters. 6 Exercise —

6 Hematuria or Bloody Urine. Cure the same as in other hemorrhages. common salt has stopped it. It is owing to great morbid action in the kidneys and to calculi. —

7 Hemorrhage from wounds. — Cure. 1 Cold. — 2 Dry lint. 3 Flour. 4 Compression. Liquid applications should be avoided. Ruston's styptic solution will stop bleeding. 5 Sugar of Lead — Sometimes an Hemorrhage takes place from the skin this was frequently met with, in the year of 1793. — It is sometimes induced by agency of mind. There is a vegetable growing about the Notches which is said to occasion it. —



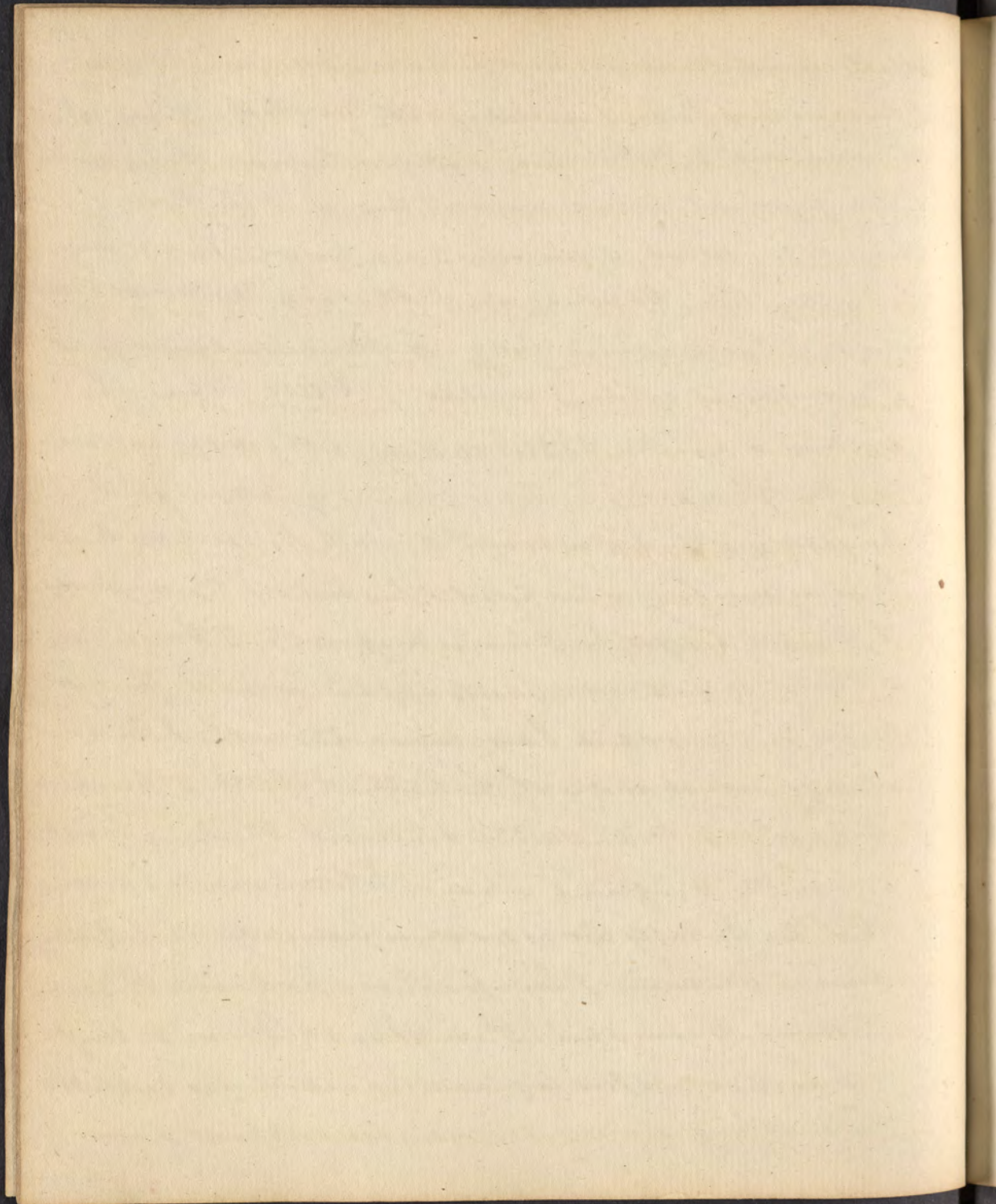
17 *Aménorrhagie* state of fever, this is generally attended with most of the symptoms of Fever. Let all your remedies be directed to the state of the Pulse. When the system is much affected your remedies are 1 Bloodletting. 2 Purges especially Aloes. When there is weak action, tonics should be administered, as 1 Chalybeates. 2 Exercise. 3. Calomel. What is called *emansio menses* is frequently owing to an imperforated hymen. In these cases you should have your patients examined. *Emenagogue* medicines as they are called are all of a stimulating nature. They should be carefully avoided in the inflammatory stages. I have scarcely been consulted in a case of obstructed menses, but what I have found symptoms of Inflammatory fever, and have of course had occasion to use evacuates. —

18 *Dysménorrhagia* is attended with much pain and morbid action in the bloodvessels, and as this increased action is in a ratio with the previous debility, it should be guarded against by administering Tonics in the intervals of the menses. —

19 *Hæmorrhoidal* state of Fever is sometimes a local disease but most frequently of the whole system.

It affects adults chiefly and females more than males -
 I have seen it produce dysentery and Diarrhoea - Some of
 the symptoms of Hemorrhoidal state of Fever are, Pain in the
 head. Giddiness, fever, fulness and tension of the Pulse. -
 Remote causes are, Costiveness, acrid purges, hard riding,
 sedentary life, Habitual use of Aloes and Butternut Pills
 this last has occasioned Palsy. It often accompanies Gout.
 Predisposing cause is debility - CURE When the
 system is affected, 1 Bloodletting, both general and local
 locally by means of leeches or what is equally as good
 puncturing the protruding Piles with the point of a lancet.
 It is astonishing what relief a few drops of blood affords.
 2 Lenient purges, Sulphur is preferable. 3 Horizontal
 posture. 4 Cold water locally applied is one of the most
 powerful remedies I am acquainted with. I have
 always used it and with the happiest effects. 5 Smoke
 of Leather & Stramonium ointment - Poultices of bread
 and milk. Ointment made of White lead and Lard. -
 These too probably act as sedatives indirectly. The following
 form of Ointment I have found very serviceable R. Sacro.
 Saturni. - Gum. Opiv. - Pulv. Galla ad 3℥ m. p. Ungt.
 7 Low diet. After inflammatory action has subsided
 the swelling sometimes continues without pain

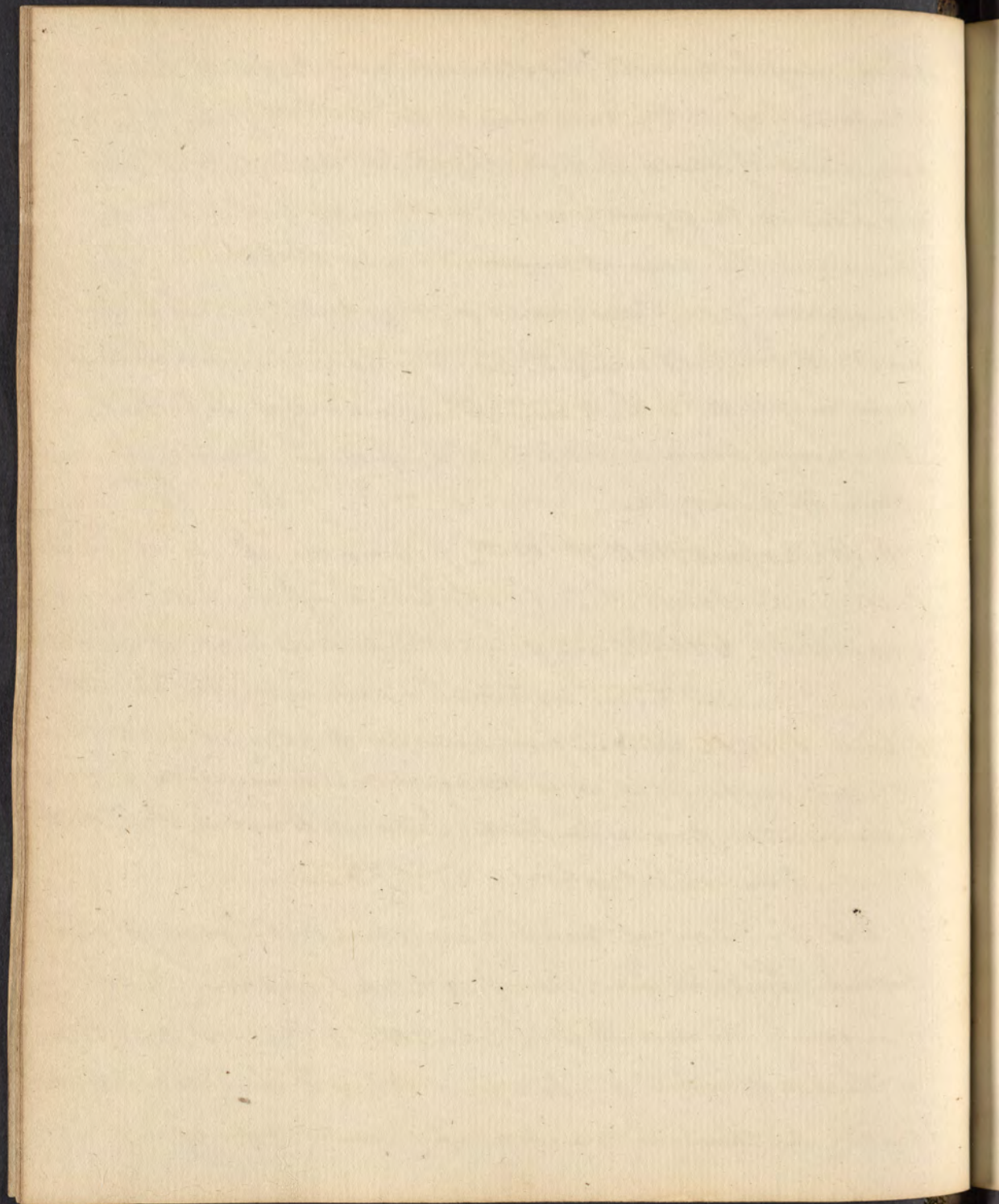
which



which may be removed by stimuli as 1 Sugar of Lead
 2 Tobacco leaf. 3 Preparations of Tar &c. His from this dis-
 ease that Fistula in ano, that most dreadful of all
 diseases is frequently derived. It may be avoided by
 shunning the causes mentioned and by the use of
 Bloodletting in Piles, as it so frequently arises from
 neglected or half cured Piles. For as consumption arises
 from neglected or half cured Peripneumony, so fistula in
 ano arises from neglected or half cured Hemorrhoidal
 state of Fever. —

20. Ophthalmic state of Fever, frequently affects the whole
 system and shows itself by inflamed vessels on the Tunica
 Albuginea. Causes are general as well as local, it accom-
 panies general Fever, External violence, notes, inverted
 hairs, Light effluvia from privies, Heat and moisture
 &c. All produce it. Also Miasmata, translocation of mor-
 bid matter from other parts. Juice of Onions, Pollen of
 Plants, Venery, reflection of light &c. —

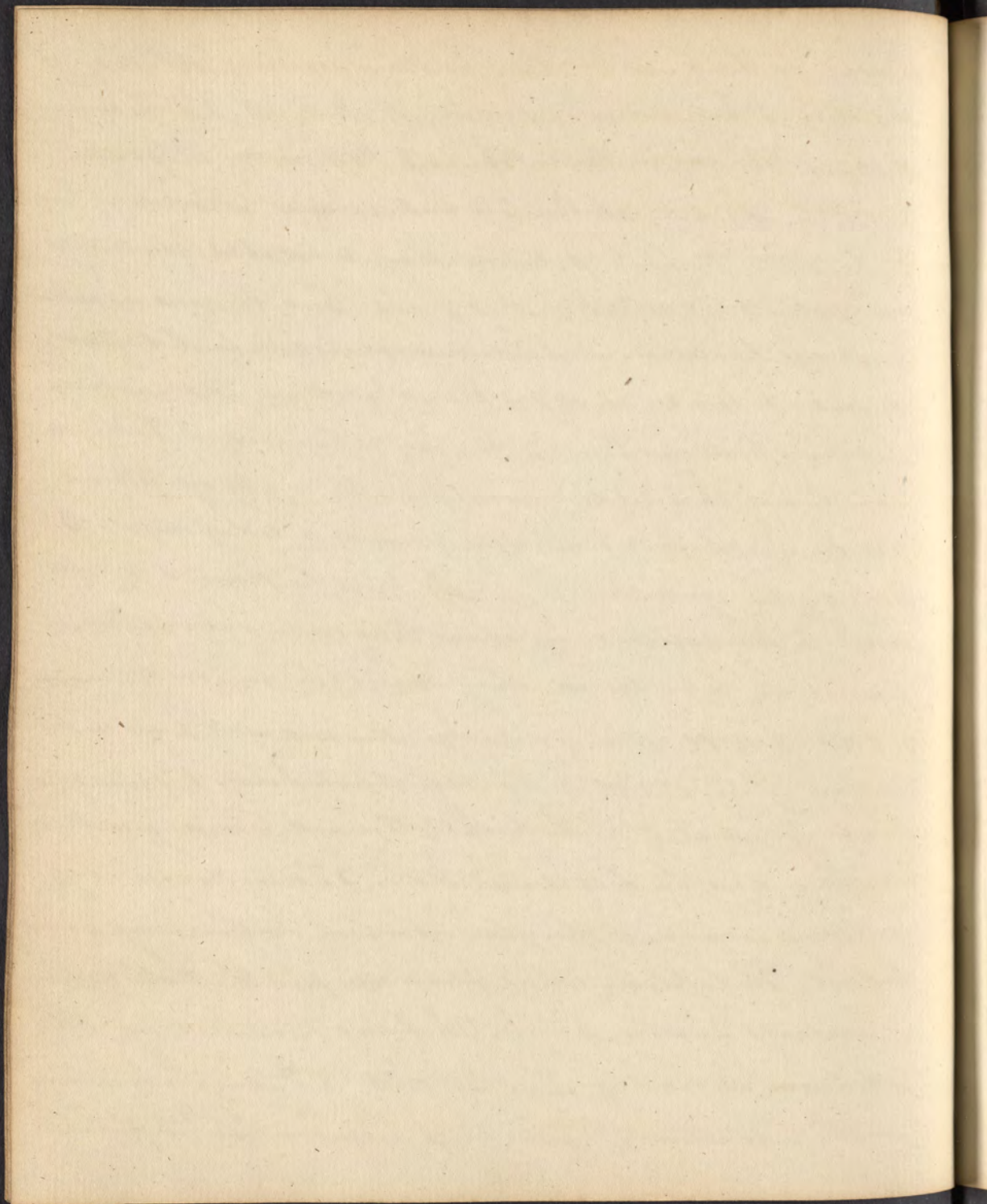
CURE. If the system be generally affected, general blood
 letting should be used, otherwise leeches, cupping, and
 scraping the vessels of the albuginea. 2 Purges. 3 Blisters
 to the head, neck, temples and behind the Ears. 4 Cold
 water. If there be much action. Tonics to the eye should
 be



be used as Lead water. Lead poultice, aqueous solution of Opium. White vitriol solution. ℞. Vitr. alb. ℥ij. Sacrum Saturni Div. Aqua Font. ℔ij. m. f. Collyrium. Bark, infusion of white oak leaves or bark in water. Madeira, Brandy diluted, Vapour of stimulating vegetables, Electricity. Demulcent applications as guinea Seed bruised in water. darkness low diet. Lapis calaminaris and fresh butter equal parts makes an elegant and excellent application. Light, Spirituous liquors &c. should be avoided. Foreign substances should be removed from the eye by eye Stones. 2 Dipping the face with eyes open in a tub of water. 3 Pressing the eyelids close. — If there be general relaxation barks and Opium should be given internally, if from other affections they must be removed. —

28, Odontalgia is state of fever, is attended with pain in the Teeth and Jaws. That it is a state of fever I infer 1, From there being bloodvessels in the Teeth. 2 From its occurring in those who have no other but sound teeth. 3 From its occurring in those seasons of the year in which inflammatory fevers prevail. In Lapland where fevers are few the tooth ache is scarcely known. 4 From its being produced by the alternate action of heat and cold. 5 From its occurring in the inflammatory periods of human life. I reject

/ Sugar



Sugar, Salt, Fruct &c. having any effect in producing it -
 I trust it on arterial action. It mostly occurs under 36 years
 of Age. The inflammation sometimes affects the neighbouring
 Glands &c. It sometimes affects sound teeth distant from
 the decayed ones. - Extraction should not be used in the
 painfull, inflamitoy period - If the system be brought
 into sympathy we should use 1 Bloodletting. 2, Gentle
 Purges. 3. Blisters behind the ear of the affected side is of
 immense consequence. 4, Roasted fig to the jaw. Opium
 should not be used during the inflamitoy period, for so
 far from giving relief it increases pain and inflammation
 We should also apply such applications to the face as will
 excite a new action as flour and Ginger beat up together. -
 Spirits held in the mouth. After pain ceases extraction
 should be used. - When a caries has commenced there are
 three methods proposed 1. To stop the opening with Gold
 leaf. 2 To destroy the nerve with a hot Iron, caustic or
 3 Extraction, this last should be preferred. Abscesses are
 sometimes produced in the sockets and Antuum maxillare
 These may be prevented by extraction. Never attempt curing
 them in any other way. When matter is formed in the
 Antuum maxillare the adjoining tooth should be extr-
 acted and a perforation made into it. Artificial teeth

do not communicate with the vessels of the jaw. They are fixed in the sockets in the same manner a nail is fixed in a piece of wood. A decay tooth should be prepared to a fresh one.

Tooth ache may be prevented by sleeping in a warm night cap, by avoiding drinking water very warm or cold. By cleaning the Tartar from the teeth by washing them every morning with cold water and every night by brushing with water. — There is a chronic Rheumatism affecting the jaws unconnected with the teeth.

We should here use, 1, Bloodletting. 2 Opium and Ginger plaster. —

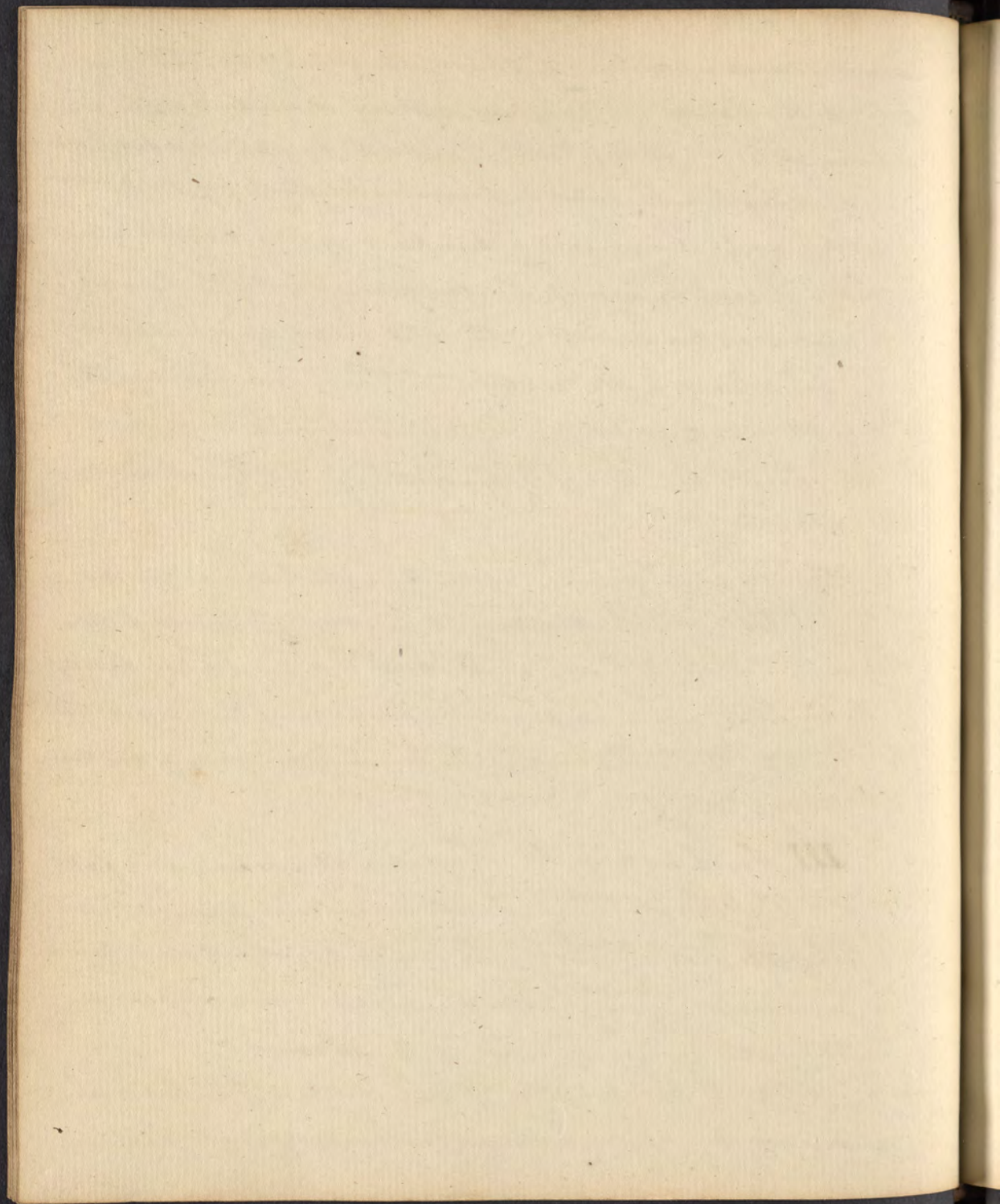
22. Otalgic state of fever, is attended with pain in the ear. —

Cure, 1 Bloodletting. 2 Purgings. 3 Smoke from burning sugar. 4 Juice of Kickox tree. — I have lately recommended, when supuration has taken place, injections to be used. Deafness might be prevented in many instances by Bloodletting.

III, Such as pass by the arterial system and fall on other parts, These I call misplaced states of Fever. —

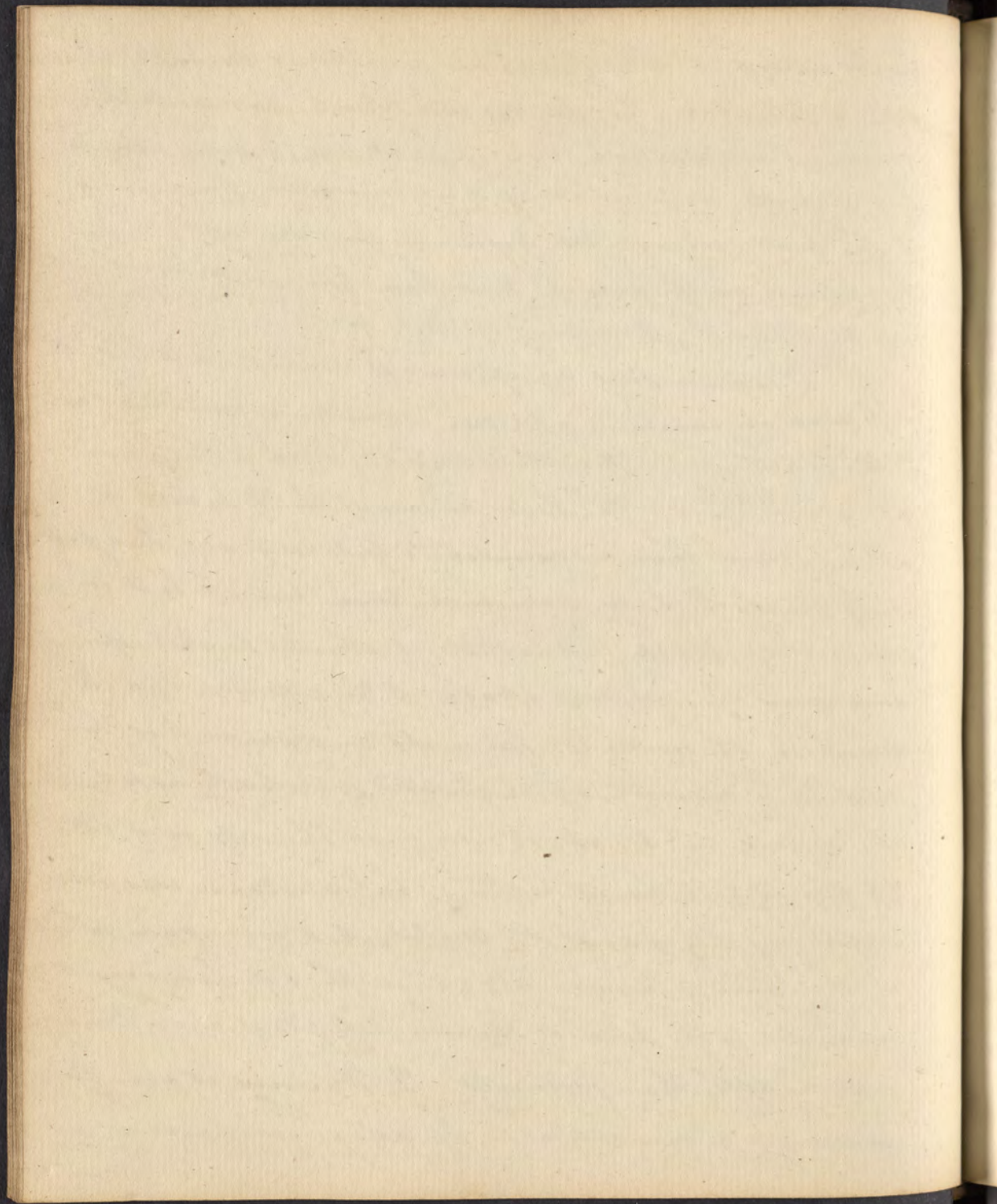
1. *Hepatic* state of Fever, It is a suppurated state of fever it is always symptomatic, except where it arises from Gall stones lesions of the Liver &c. —

For a description of this disease I must refer you to books. I have observed a numbness of the lower limbs



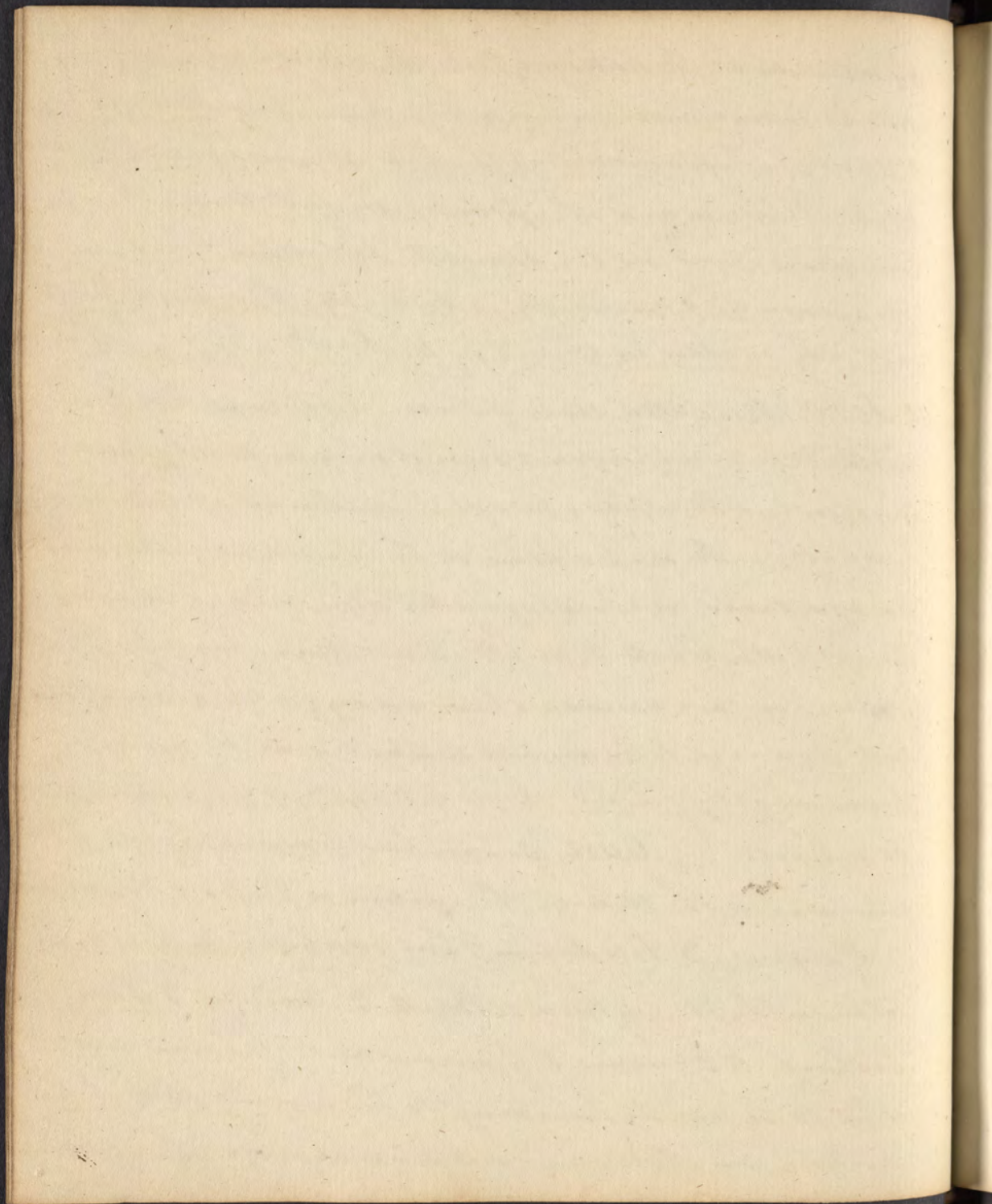
limbs attend it. The Gums are sometimes hardened. Pulse soft, stools green, 'Tis divided into chronic and acute Hepatitis - 'Tis occasioned by ardent Spirits, violent exercise, Sea Sickness. Heat, madness long continued. Contusions of the head, Miasmata vegetable and animal. — It appears in the form of Diarrhoea, Cholera morbus, sickness at Stomach, Vomiting of Bile &c. —

Premontory symptoms it comes on with dullness and an increased appetite, sometimes unusual cheerfulness attends. Remote causes are such as in a case Bilious Fever. The Liver disease of the W. Indies is nothing more than a concentrated yellow Fever. It affects more under Puberty, women are more subject to it than men. — Cullen, 1 Bloodletting should be used copiously and early. — A Miss Maffat of this city was bled 15 times in the course of a few weeks and was at length relieved by a vomit which operated so violently as to burst the abscess. — A Miss Porter near this city was bled 38 times and thereby relieved, but a relapse was occasioned by her riding 12 miles, And was again relieved in the same manner: And was on the 6 of January 1802 conducted to the Altar of Hymen possessed of more Beauty and health than formerly. 2, Mercury, it acts by inducing a new action in the dangerous parts and as



an evacuant. It seldom affects the mouth when suppuration is taking place owing to the suppurating action being greatest. Inflammation of the Liver terminates in suppuration, Schirrus and absorption of its substance. The abscess sometimes opens in the Stomach, Intestines, Lungs, Abdomen and externally. An emetic has discharged all the matter contained in the Liver. —

2, Scrophulous state of Fever. Scrophula has been supposed to be a specific disease of the Glands. I grant it is so but it always brings the arterial system into sympathy. Its causes prove it to be a state of fever, also its symptoms, as chills, quick Pulse, visceral affections, purged teeth, black Gums &c. Doct. Kenneally says blood drawn in this disease shews no sizzy appearance, this only proves it to be diseased action beyond the power of producing sizzy blood. Doct. Hillary very properly calls it a fever. — CURE, You are here to accommodate your remedies to the state of the system or Pulse. 1 Bloodletting 2. Purging. 3 Low diet. — When morbid action is reduced we should employ 1. Bark. 2. Mercury. 3 Sea bathing. 4 Opium. 5 Generous diet. The remedies should be varied according to the varying state of the system, even slight causes will produce great changes. —



3 External inflammation, These are divided by Nosologists into Phlegmon and Erythema. The former forms Pus and reaches to the cutis vera; The latter never does and reaches no further than the rete mucosum. In Phlegmon where the system begins to be affected the Cure is, 1, Bloodletting. 2, Purgings. 3 Low diet. — Local applications are, 1 Cold water. 2 Lead water. 3 Emmolient Poultices. — If suppuration has commenced such applications should be used as stimulate by their heat as Flaxseed Poultice, Lily root boiled in milk and then spread over with oil. If these fail Lye Poultices should be laid on made of Beer, Lye and Bread equal parts. Also Opium and Sal ammoniac. When they are ready to open it should be done with a Lancet. When this is objected to, A plaister of Honey, flour & Yolks of Egg should be applied in order to break it. — If gangrene appear stimulants should be used, provided the inflammatory action has subsided, such as Bark and Opium. — Gangrene of the toes sometimes takes place in Jail and Hospitable fever, here Opium is the proper remedy. —

Paronychia is a very painful inflammation of the Pericartium of the Fingers. When it first appears the affected

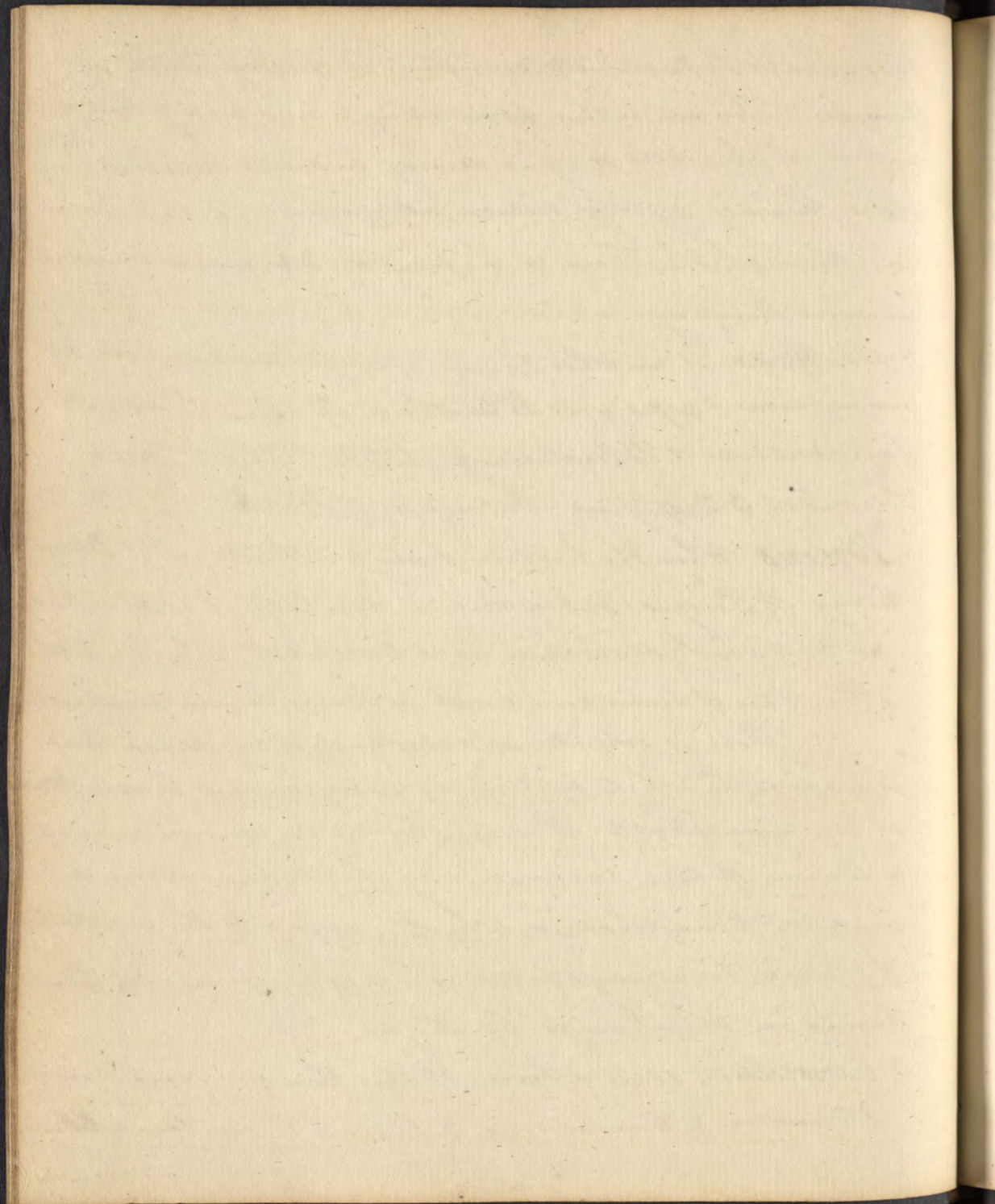
part should be frequently immersed in boiling water or vinegar. This acts either by exciting a new and greater action on the cutis or by inducing insensit debility and thereby destroy action altogether. 2 deep Incision through the Tinea of the finger. 3 Excision sometimes becomes necessary. —

Anthrax is another species of Inflammation, for a description I refer you to Authors. If there be much Inflammation 1 Bloodletting should be used. 2 Mild Poultices. 3 Detergent ointments. 4 Bark. —

Burns, When the produm fever we should use, 1. Bloodletting. 2 Purges. 3, Low diet. — Such local applications as restrain Inflammation, as, 1 Cold water. 2 Lead water 3 Poultices of bread and milk. 4 Stramonium Ointment

There is sometimes a chilliness takes place that pervades the whole system in consequence of burns that is very remarkable. Persons burnt in consequence of a flame of fire surrounding them, have often a complete Paraphonia, which is owing to the inhalation of flame, tis always fatal. There is an incurable ulcer formed in the Lungs by it. —

4, Comatose state of Fever. Of this there are several grades, 1, Tremors. 2, Convulsions. 3, Shocks. They are tonic & Clonic.



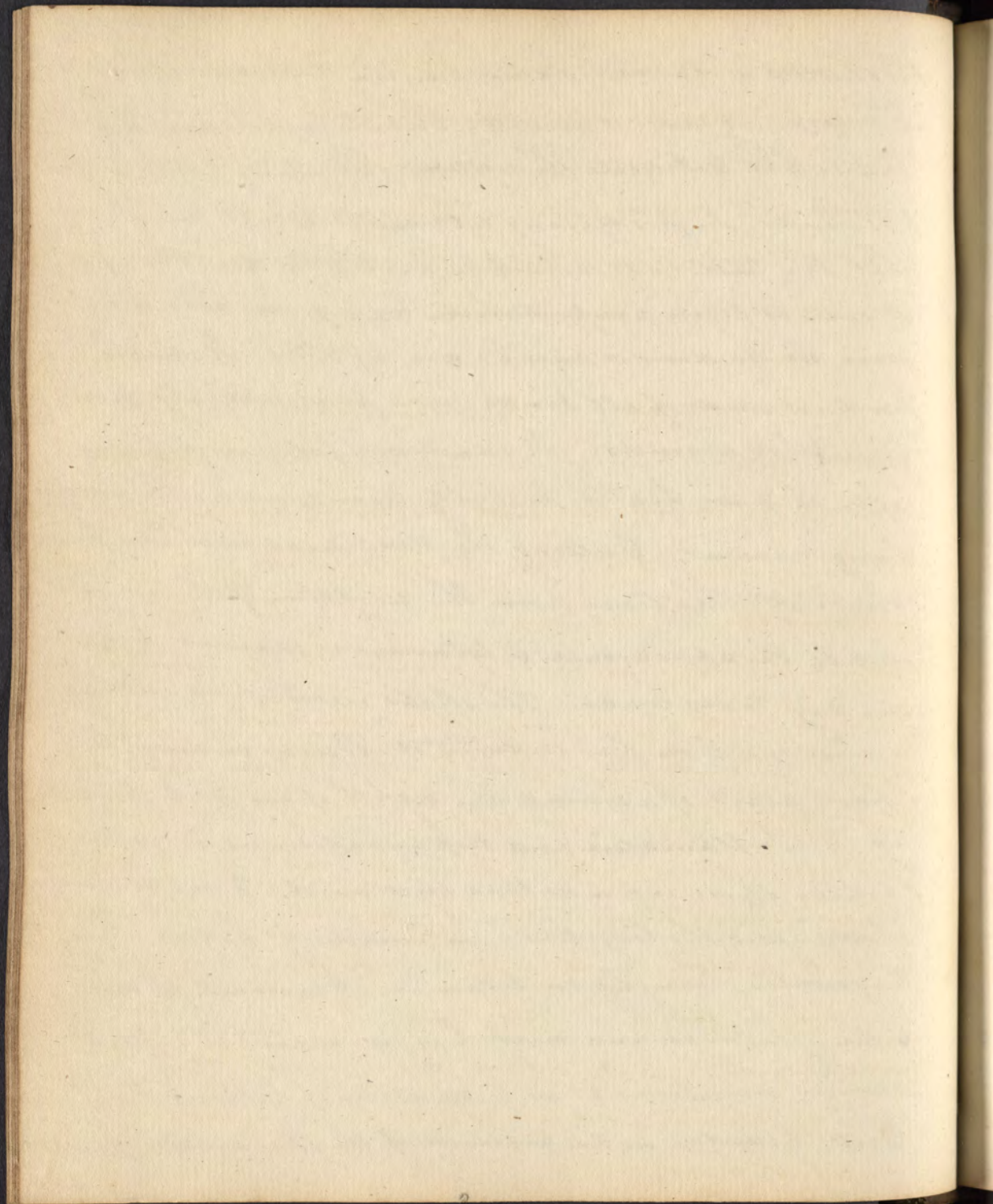
1 Tetanus is of a mixed nature between tonic and clonic.

Predisposing cause is debility. Remote causes are, all causes that debilitate the system. Exciting causes, are

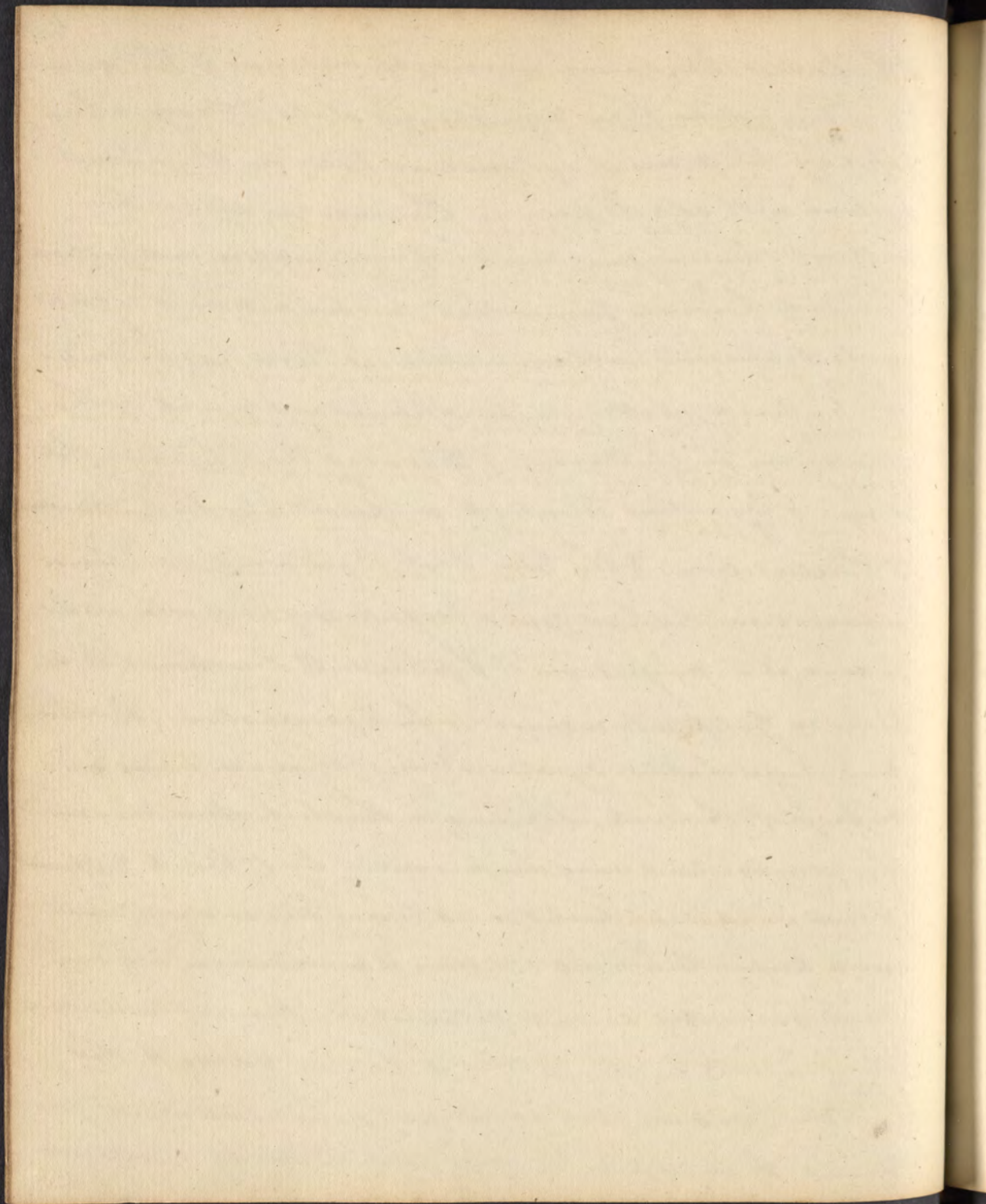
1 Wounds. In producing tetanus it is not necessary that the tendons or nerves be partially divided, for it occurs from amputation and from wounds where no tendons or nerves are affected. It occurs from wounds of all kinds more particularly from Gunshot wounds. It sometimes follows wounds after they are healed, probably from some acid matter being retained. Cutting the Umbilical cord has produced it. The time from the reception of the wound until the appearance of tetanus is various from one day to six weeks. The slight wound from cutting a nail or a corn has induced it. Burns induce it. I have heard of a wound the eighth of an Inch producing it. Inflammation and suppuration never follow I believe those wounds that induce it. 2, Application of cold after the body has been previously heated has frequently brought on tetanus. A current of air upon the head and neck has produced it. Doct. Hunter mentions it as a symptom of bilious Fever.

Doct. Gendron in his account of the spasmodic affections

1 of the



of the Indians has many remarkable instances of this disease. It is nothing more than a misplaced state of Fever, which passes by the Arterial system and falls on the muscular system with all its force. - Patients are said to die without shewing any marks of inflammation or dissection. This only however proves that morbid action is so great as to transcend inflammation. 3 Terror has produced it. 4 Acid matter in the Alimentary canal as the meconium in children. 5 Drawing Teeth has brought it on. 6 By eating Hemlock, dropwort and Stramonium. 7 Puncture. 8 The late Doct. Bartram of Carolina informed me, he had seen a large draught of cold water induce it. 9 Symptoms of Hysteria. 10 Sometimes it appears in Gout and worms. 11 In Hydropobia. Are there any premonitory symptoms? Yes, there are pain and stiffness of the neck, Startling in the sleep often precedes this disease and may be prevented by 1, Bark. 2, Opium. If from a wound the part should be irritated and inflamed with turpentine, Salt mixture of Cantharides, or lime juice previously however detaching it. Here inflammation being excited locally, a tone is thereby given to the whole system and a general equal excitement produced. If it appear to arise from Biliary affections



an emetic should be given - When violent action takes place we should use 1 Bloodletting. 2 Cold. M^r Hunter I have been informed by one of his pupils speaking of this disease used to say "If I were to be attacked with Tetanus and were able I would throw myself into an Icehouse or transfer myself to the cold regions of Nova Zembla."

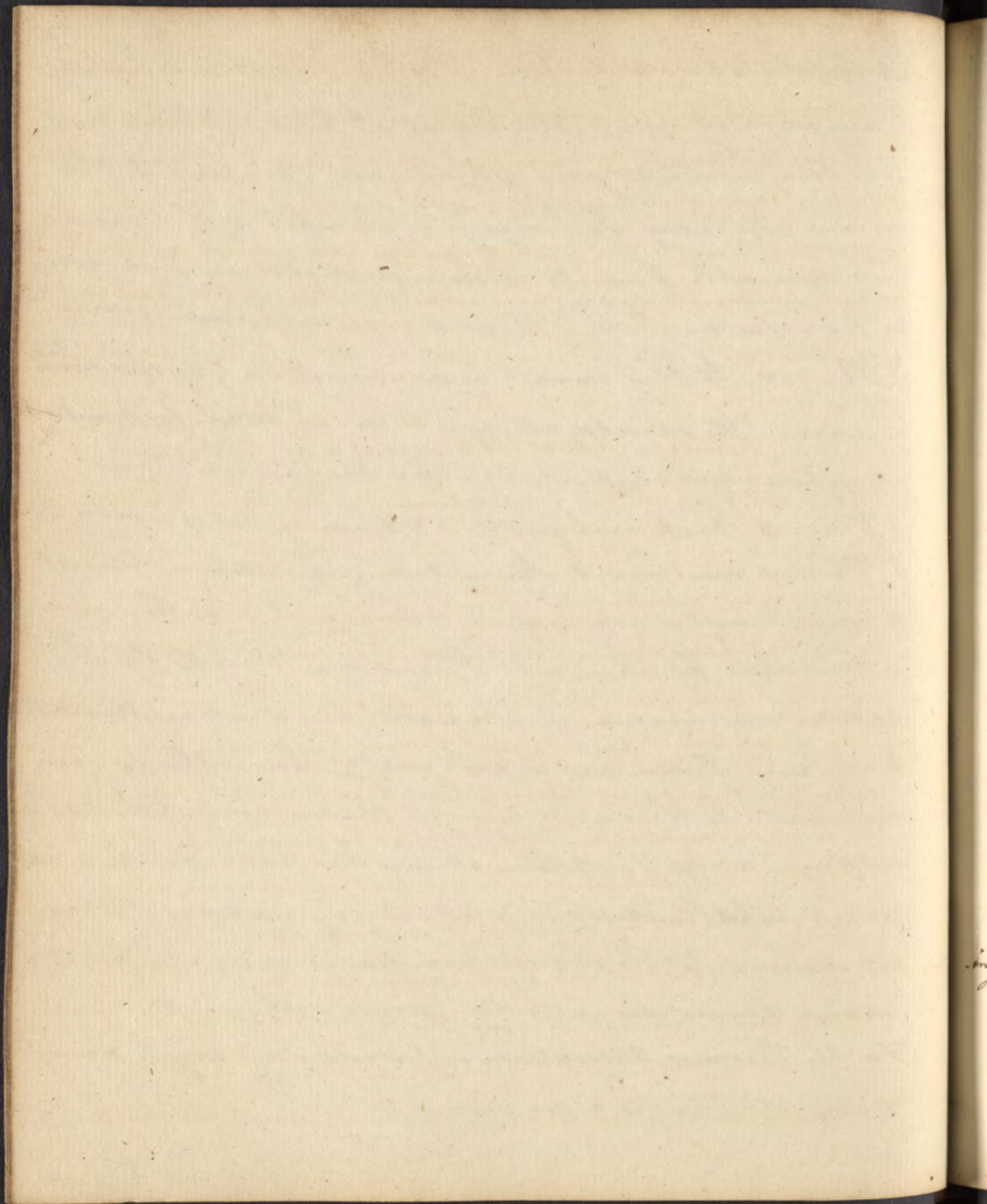
3 Purges. If they cannot be administered Glysters should be given. We should always be on our watch for symptoms of weakened action and when they appear, Give,

1 Wine. 2 Bark each freely. 3 Opium. 4 Oil of Ambr. - 5 Flour of mustard. 6 Stimulating Injections, Tobacco &c. when Stimulants cannot be taken by the mouth. -

7 Cold bath by plunging. I have seen it cured by the sudden application of cold water, here it acts as a Stimulant.

8 Mercury Internally and externally; Some is thereby communicated to the nerves through the medium of the arterial system. Doct. Girdlestone advises the patient to be wrapped up in hot blankets and to take large quantities of Wine and Opium. When it arises from fear cordials should be used. Ardent Spirits were used by a quack with success. -

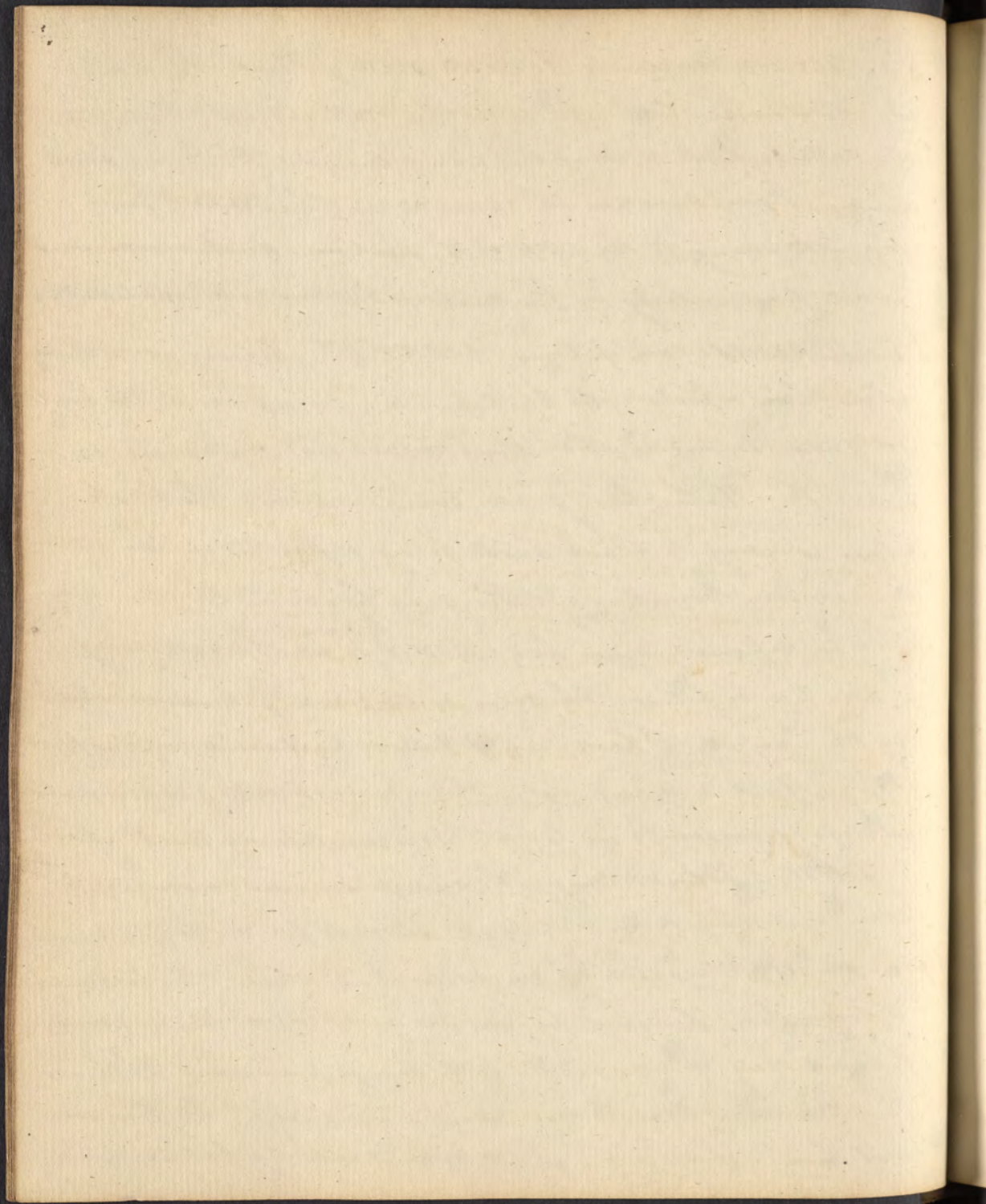
For the Trismus Nascentium or Jaw fall, I am sorry to inform you (Gentl) I know of no cure. -



5 Hypochondriac and Hysterical state of Fever. The nerves and arteries are both affected in this state of fever. Patients are said to have a complication of diseases, There is no such thing. Remedies are the same as in other states of fever viz attending to the state of the system - Such medicines as act particularly on the nervous system as Opoponax &c.

6 Cutaneous state of Fever. (vide Vol. 4th) Leprosy is nothing more than a fever. As Cholera is a bilious fever of the highest grade turned in upon the Stomach and Intestines, so Leprosy is the highest grade turned outward. The black colour is owing to black blood being deposited in the rete mucosum. Vomiting and Purgings has cured this disease - Tar in different forms has cured it ^{by evacuating} so has bloodletting. I am led to believe the cure will finally be discovered in the Lancet. I have seen it follow half cured bilious fever. It is in fact nothing more than a misplaced state of fever - Leprosy occurred in Great Britain during the Plague.

Cure, 1 Bloodletting, the symptoms as soreness of the skin, inflammation, blotches &c all call for it. It is astonishing the effects of bloodletting in fevers of the skin. The violence of translated Leprosy proves the necessity of bloodletting. I have seen it translated to the lungs producing Phthisis Pulmonalis. Does no cure exist for Leprosy? If there were not heaven like man would be kind only by halves, and the



cure I doubt not will be found in Bloodletting. Exam-
ine the Pulse. It has never been attended to in this disease
untill lately. —

Scurvy. I have said that scurvy is nothing more than
a misplaced state of Jail fever. The same causes induce
this as other states. The same symptoms take place here
as in other states of fever. The same remedies cure it. —

Would not the Lamm be proper in the commencement?
Pain in the Limbs is a symptom of Scurvy, sore Gums,
Petechia &c. Cure, Stimulating moderately, where the
system is relaxed. Vegetable diet. Raw food, Cordial
Potions, cordial Liqueurs. Bark when the state of the
Pulse and system require it. — To prevent the Scurvy
acids of all kinds are to be used, Also Lemons, Seegar,
Land air, cleanliness &c. — Avoid sleeping near the side
of a new ship. — Foul air is one of the most frequent causes
of this disease; Also the continued use of salt provisions. —

IV, We now proceed from nervous diseases to those
which affect the nervous system primarily and
Arterial system secondarily. —

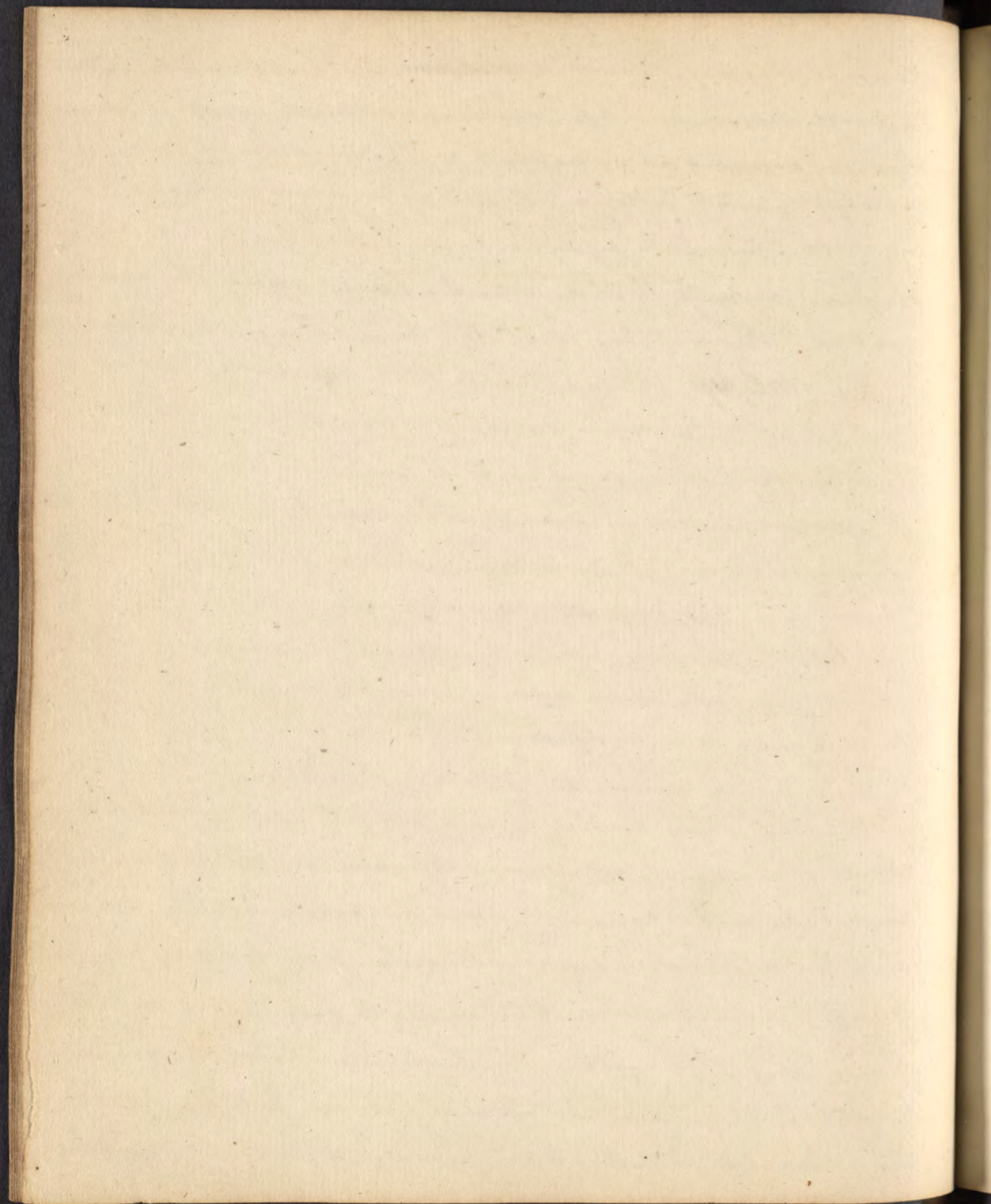
I have said formerly that, War, casualties and
old age were the only proper outlets of Life. —
Fever are the only naturally original diseases, they
have not only diminished but have changed their
Types. — In simple ages and regular life merited
/ Stim

stimuli produce morbid ~~actions~~ in the arterial system. In more luxurious life, the same stimuli will produce Nervous diseases as Syncope &c. The nervous and arterial systems cannot be long affected separately without bringing each other into sympathy. I however wish to confine myself to those which chiefly affect the nervous system. Remember with the nerves I include the muscles.

1 Ectolipsy, this appears to be an inferior grade of Apoplexy. There is some degree of congestion in the brain. Sudden frights, unsuccessful love will produce it. — It is sometimes caused by a moderate congestion of blood in the Brain. It sometimes occurs as a symptom of Fever. — The Patient stands perfectly stupid.

Cure, the same remedies should be used here as in Apoplexy only of an inferior strength. — Tulpius relates a case caused by Love; this was cured by the object beloved being conducted into his presence. —

In those convulsions which exist independent of arterial affections. Opium, if the action be moderate will generally answer in preventing them. cold air should be employed during the time of convulsions, particularly in Children. To prevent it in children tonics should be used. — Convulsions in the commencement of Fever portend no danger, in the close they are generally fatal. Convulsions during parturition



147.

are generally fatal. They may here be prevented by the patients being kept cool. —

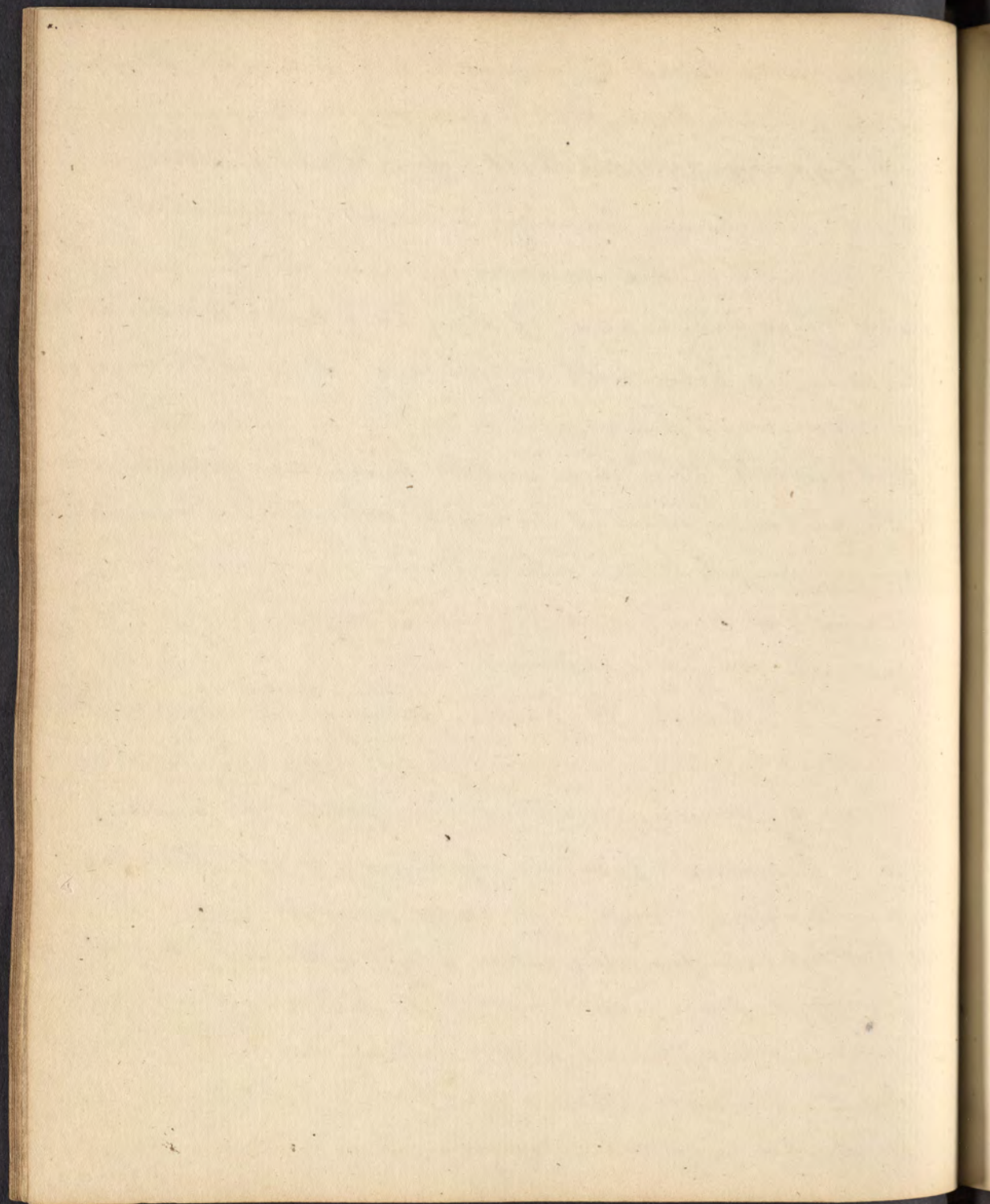
2 Chorea sancti viti, vide Doct. Cullen.

Doct. Sydenham has very properly recommended bloodletting in the commencement of this disease. and then chalybeates. If these fail Oil of amber will be found a powerfull medicine. It mostly occurs in children I have seen it twice in Adults. —

3. Cramps, This is a violent contraction of the muscles. Predisposing cause is evidently debility as it generally occurs in sleep and while swimming, when the system is debilitated. Hippocrates very properly says "atonia gignit spasmos. —

Cure If it occurs during the night the person should rise suddenly, frictions should be used, tight ligatures above the knee except the patient be a pregnant female. Squeezing a roll of sulphur has removed them merely by exaction. —

4 Hiccups, is a convulsive action of the Diaphragm. Occurs suddenly from drinking &c. I speak of it as occurring independent of Fever. Cure 1 Stimulating Passions as Joy &c. 2 Sedative Passions as fear &c. 3 Opium. 4 Oil of Amber and other Tonics. —



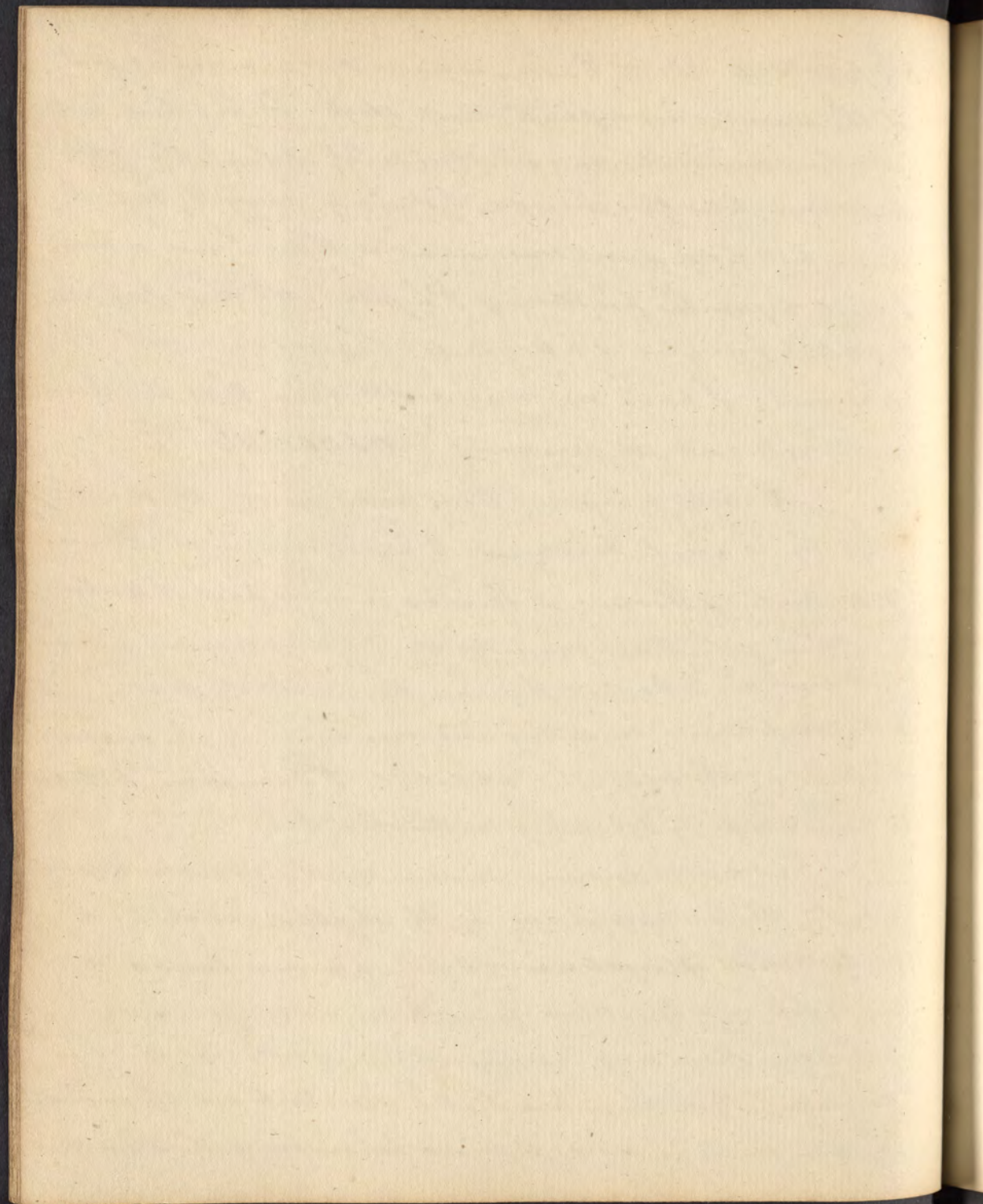
5 Epilepsia. Doct. Cullen defines it to be a convulsion of the muscles accompanied with sleep. It has been called Morbus comitialis and Morbus sacer. I have thought & read much on this disease, but I am sorry to say I know but little more concerning it than I did when I first began the practice of Physic. All that I shall be able to give you is a few facts. That a cure will be discovered I have no more doubt than that the Sun will rise and set tomorrow. Dies docet. —

Remote causes are local and general, under the first head are, 1. Fractures. 2. Effusions in the Brain. 3. Calculi. 4. Worms. 5. Tumors in every part of the body.

Those which act generally are 1. Great exertion of body and mind. 2. Violent passions, particularly fear. — 3. Intemperance in eating and drinking. 4. Indulgence to excess in the venereal appetite. 5. Onanism. 6. Repelled eruptions. 7. Sleeping in the open air. —

The causes produce such a morbidly in the system as to be thrown into action by the slightest cause. It is a higher grade of Hysteria. A fit when once formed is ever after apt to return from habit and Association. —

Are there any premonitory symptoms of this disease? Yes there are 1. A bitter taste in the mouth for two or three days before a paroxysm of the disease. —



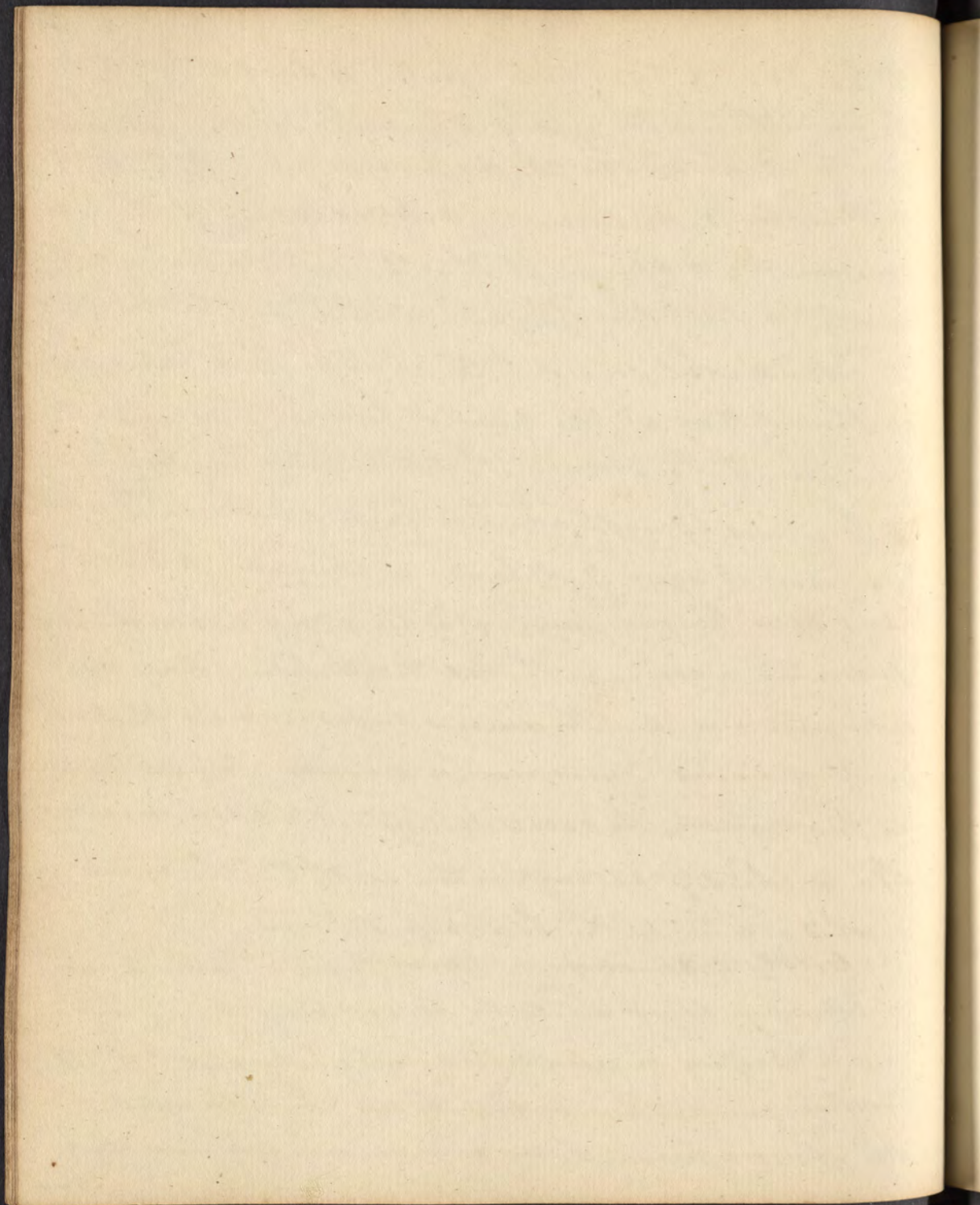
2 Tremors. 3 Tense or slow pulse. 4 Head ache. 5 Inflammation of the eyes. 6 A peculiar smell of the breath.

Remedies for the precursors are 1. Vomits.

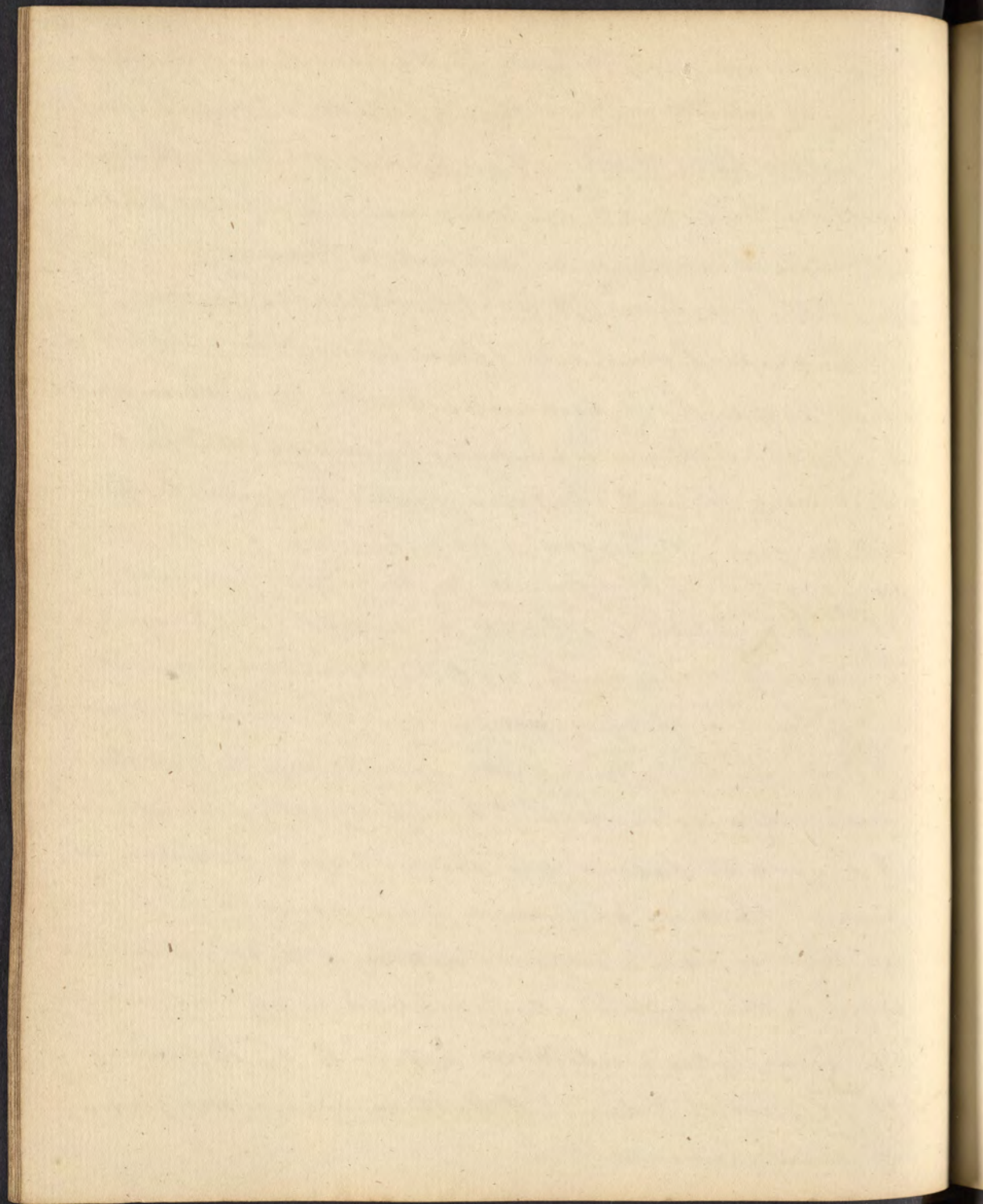
2 Purges. 3. Abstinence. 4 Bloodletting if the pulse require it. 5 Opium if there be languor or but little action. 6 Sulphur has prevented it, as also its smell.

Accidental cures, 1 The change that takes place in the system at the time of puberty has removed Epilepsy. 2 In women, child bearing has cured it. 3 It wears off with age, few have it after they are 50 years of age. 4 A change of climate. 5 Full diet after having previously lived on a low diet has performed a cure, as the late Doct. John Morgan informed me. — The causes suggest to us the propriety of using tonics in this disease. Tonics act in proportion to excitability. Epilepsy in early life is chiefly accompanied with Plethora, a morbid action in the blood vessels. —

CURE, 1 Bloodletting. Doct. Brown relates a case of Epilepsy being cured by bloodletting being used, untill Dropsy was induced; and why not? If blood letting be used here untill the system be brought to the effusive point, I can very readily conceive that
this

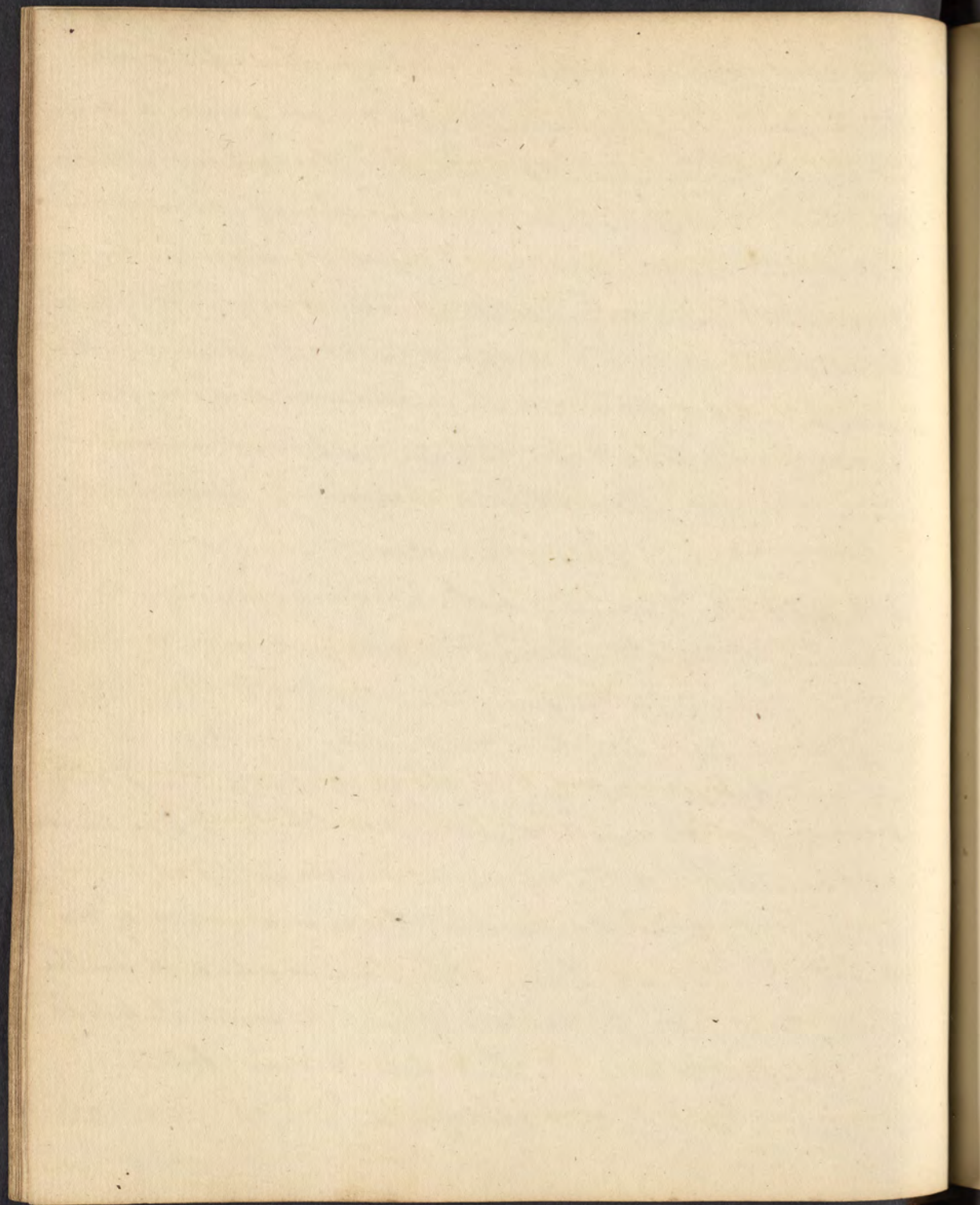


this new disease may remove the old one. Dropsy is a much more manageable disease than Epilepsy, and who would not rather have Dropsy than Epilepsy. 2. Milk and Vegetable Diet has sometimes cured it. Doct. Cullen put more dependance upon low diet than any thing else in this disease. When I recommend low diet to my patients I generally allow them to use salted meat and fish, it keeps up a tone in the system and at the same time lessens the quantity of Blood. According to Doct. Beccard salted provisions afford leproxygen. 3 Purges. After these remedies are used for some time, the different Vegetable and mineral Tonics should be used, As 1 Bark, 2. Nigella. 3, Opium. 4 Zinc. 5 Magistery of Bismuth, 6 Steel. 7 Stramonium Seeds, They have a specific action on the brain and Nerves. Doct. Archer of Maryland informed me he had twice succeeded in the cure of Epilepsy with Stramonium 8 Issues and Setons. 9 Ligatures round the limbs to prevent the *Aura Epileptica* from rising to the brain, as there is often a retrograde action of the vessels in the body, so the electrofluid instead of passing out of the body takes a retrograde action to the Brain. — 10 G. Cysters of Tobacco. 11. Uniform impressions from diet and passions &c. —



12 Change of climate from a varying to an equal one, which from an uniformity of Stimulus tends to keep up equal excitement. 13 Hard labour. 14 Long Journeys. 15. Fear. 16 A Salivation has been the only remedy that has proved radical in my hands. I have four times succeeded and twice failed by it. I generally bleed before given mercury. - I have failed in exciting salivation. - All the remote and exciting causes should be avoided. - If the disease has arisen from tumors, they should be extirpated. Worms, calculi &c. should be dislodged. - During the fit bloodletting should be used. -

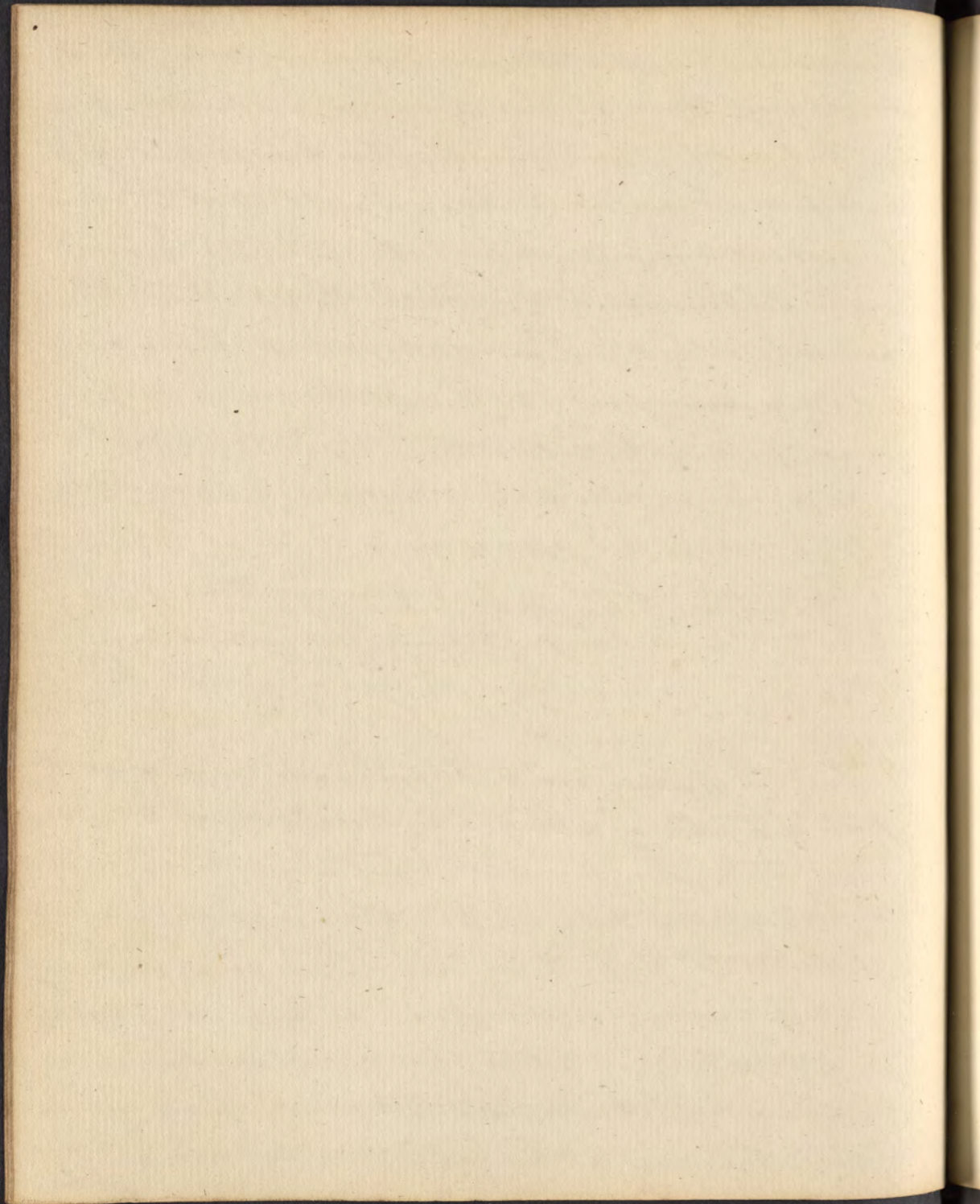
6 Hysteria is attended with a rumbling noise in the abdomen. Globus Hystericus, Fickleness of mind &c. - They are constant only in inconstancy. It has therefore with propriety been called a protus like Disorder. - It appears sometimes in the form of Apoplexy and swelling of the face and extremities. It arises from flatulency and does not pit like dropsical swellings. It appears also in the form of head ache, chilliness also attends, clonus hystericus which is a coldness of a small spot in the head, Despondency. Despair, Increase of Urine, Wakefulness, frightful dreams, Laughter, Crying, Sobbing, Dyspnea &c. This last symptom never appears in this



Disease but when it is tending to Hypochondriasis. For a description of Hysteria Vide Sydenham and Cullen. It affects women more than men and those between puberty and thirty five. I have seen it however at the age of six years. It continues frequently through the whole period of menstruation. Single women, Widows and barren women are most subject to it. Predisposing cause of this disease is debility accompanied with a plethoric state of the Bloodvessels. Remote causes are, 1. An obstructed or an unusual flow of the catamenia. 2 Strong tea. 3 Leucorrhoea. 4 Lasciviousness &c. —

Exciting causes are 1. Sudden emotions of the mind. 2 Offensive smells. 3 Heated and impure Air. — 4 Fatigue. The mobility of the system is great the excitement very weak. —

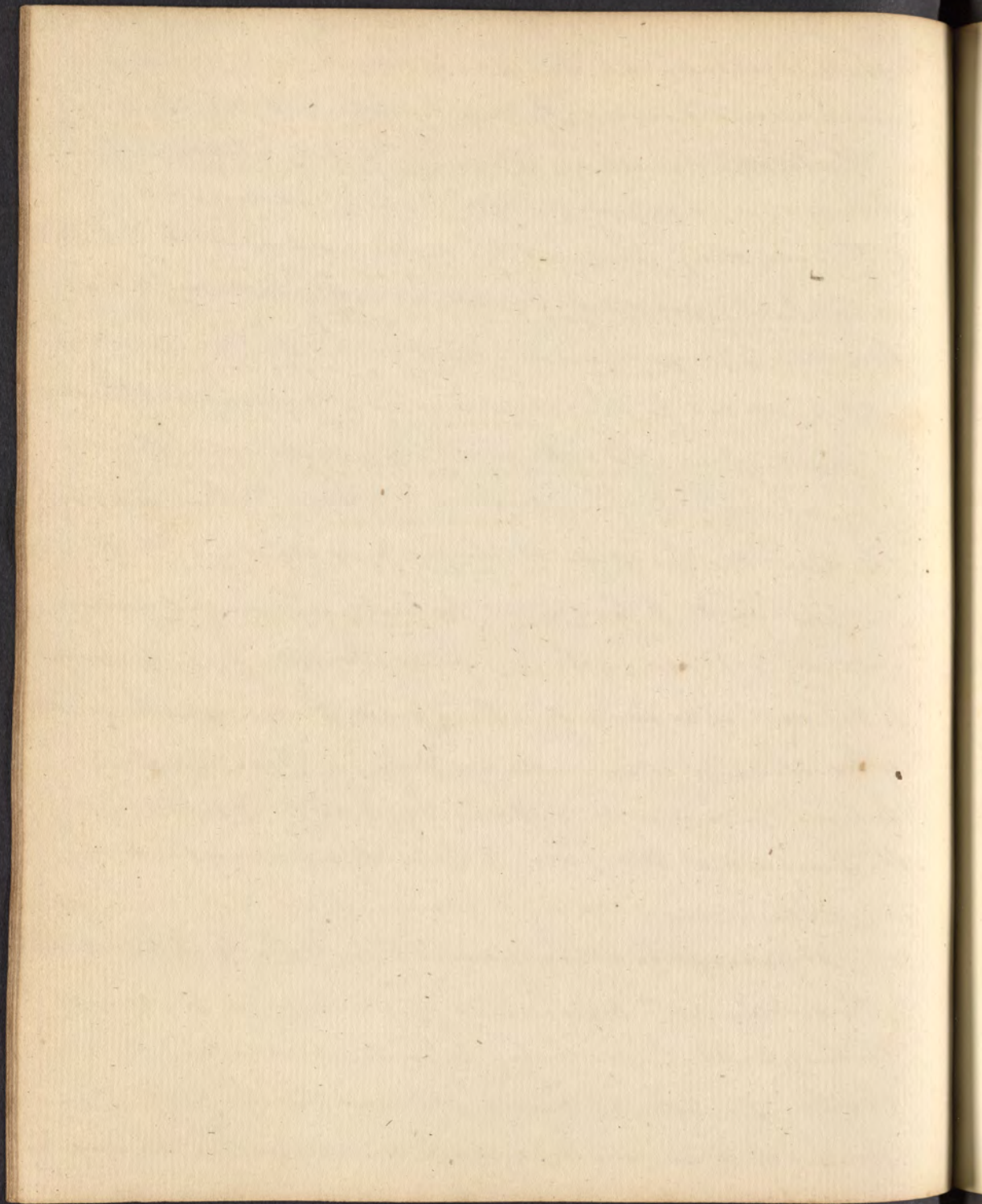
Hysteria and Hypochondriasis are distinguished from each other as follows, 1 Hysterical patients have a great disposition to motion which is not the case in the Hypochondriac. 2 In Hysteria there is great instability of mind. In Hypochondriasis there is great Uniformity of mind and one object is always in pursuit. 3 Hysteria is always worst in hot and best in cold weather, and vice versa in Hypochondriasis. 4 Hysteria affects women more than men. 5 There is a Globus Hystericus. 16 In



6 In Hypochondriasis Dyspepsia occurs. - Hysteria is to Hypochondriasis, what Typhus fever is to Synocha. —

The Cure, consists in lessening the excitability of the system and changing it into healthy excitement, by
 1, Bloodletting, provided the pulse will bear it. 2 Cold bath. 3, Stimulating Gums, as 1 *Asiatetica*. 2 *Galbanum*. 3 *Sagapenum*. 4 *Myrrh*. 5 Stimulating applications to the Abdomen as a *Galbanum Plaster*.
 6 Compressing the body with bandages and thereby giving tone to the Nervous system. 7 Accomodating the diet to the state of the system whether Plethoric or otherwise. 8 Constant pursuit of some interesting subject. Hence the necessity of calling such women to the care of a family. Few good Housewives have it.
 9 Excitement of some steady passion. Fear and Grief however strange it may sound have cured Hysteria, also the pursuit of Religion. 10 Cold climate and Air. —
 11 Matrimony.

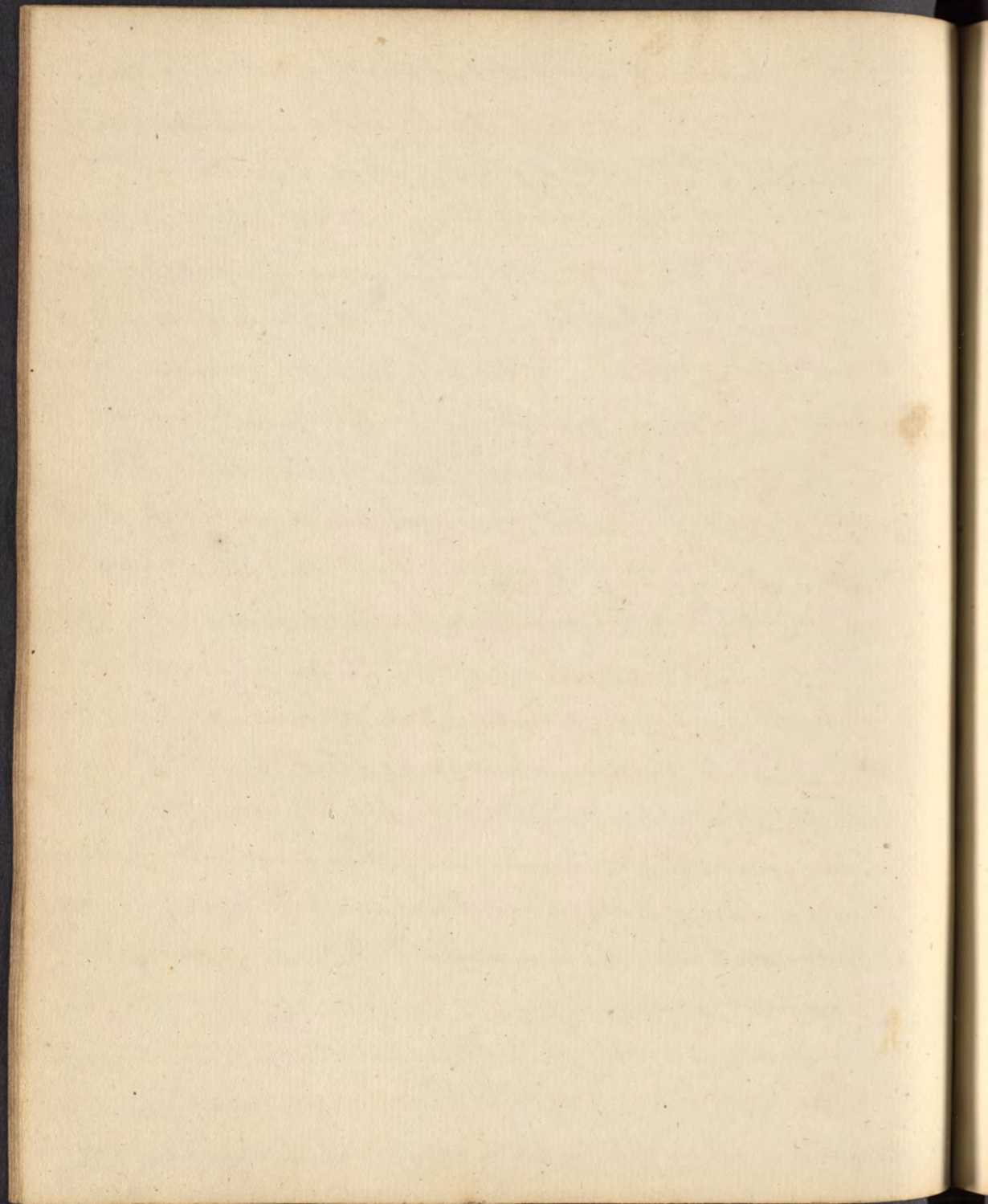
A paroxysm of Hysteria is to be cured by, 1, Bloodletting
 2 *Pediluvium*. 3 Discharging wind from the bowels by means of Injections. 4 Garlic or mustard to the feet. 5 *Opium*. 6 Fumes of burnt Feathers &c. There appears to be an inverted order of motion in this Disease, —
 17th



7. *Asthma* is a difficulty of breathing mostly accompanied with a malconformation of the Lungs, and unattended with cough. 'Tis evidently a nervous disease. —

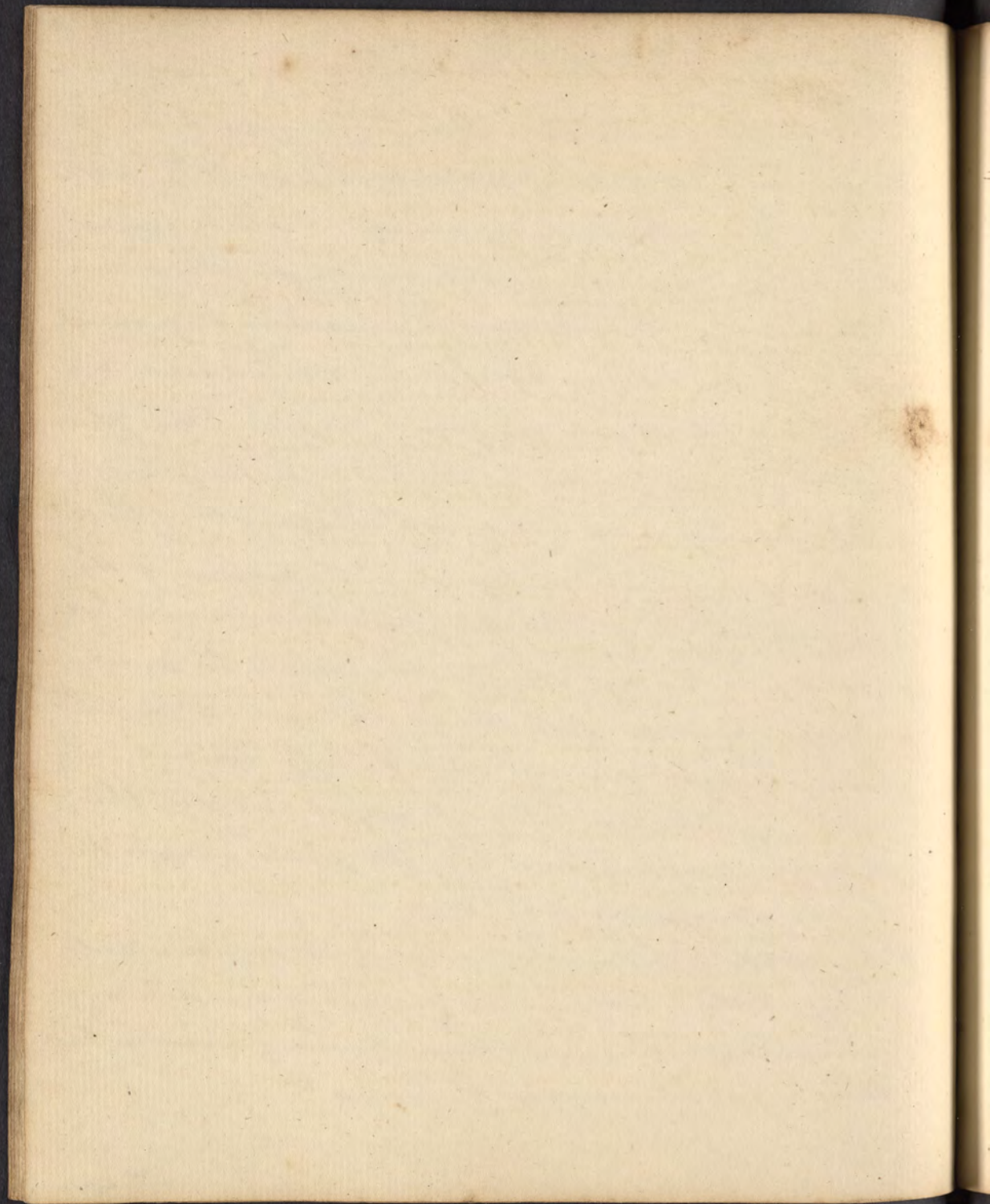
Predisposing cause is debility. — Exciting causes are, Heat, Passions, Particular odours, repelled eruptions, Indigestible food. This should teach you to be particularly attentive to the food of your asthmatic Patients. It occurs sometimes in Gout and during Pregnancy. — Proximate cause is spasm of the bronchial vessels. — The precursors are dyspnoea, flatulency &c. It may be prevented by 1, Bloodletting. 2, Emetics. 3 Pediluvium. A fit of Asthma is to be treated by, 1 Bloodletting if the Pulse require it. 2 Cold air and cold drinks. 3 Vomits of 1 Oj. mel. of Squills, 2. Tartar Emetic or 3 Specuantha. —

4 Gentle Purges: — After the system is relaxed give 1, Laudanum. 2 Sac ammoniac has been used. 4 Warmth is now proper. 4 Vapours of warm water impregnated with scrapings of horseradish. 5 Blisters to the Anles and wrists. 6 Pediluvium. 7 Acids as vinegar or Elixir of Vitriol. Sir John Fower highly recommends acids. — Can Asthma be eradicated from the lungs? When not from an Organic affection of the lungs it may. —



Methods of avoiding it are 1. Carefully to avoid plethora by occasional bloodletting and an abstemious diet. 2, By avoiding all kinds of indigestible food. 3 By a climate and air suited to the disease. A moist atmosphere in most cases seems to be necessary. 4 By setons. 5 By avoiding the occasional causes as cold feet, much heat &c. 6 An Indian life has cured this disease. a labourious life should therefore be recommended. 7 Such patients should sleep on mattresses or on the floor. — 8 By returning to old habits as to snuffing &c. 9 The cold bath is of immense consequence. 'Tis a disease of the whole system the more we treat every disease as an Intermitting fever the more successfull we shall be. as we will then remember to use Tonics or Stimulants in the Interval and evacuates during the Paroxysms. — Asthma is distinguished into moist and dry, the latter is always the worst kind. The former relieves the Lungs by expectoration. —

8 *Dyspnoea*, differs from asthma in being more constant. It frequently arises from the same causes particularly from enlarged viscera. From effusion of water in the Thorax, fat, tumours in the Trachea &c.



9 *Pertussis*, occurs from contagion, scarcely attended with fever, Children are most subject to it. *vide* Doct. Cullen. It is a nervous disease, it sometimes exists without whooping. —

CURE, In the cure of this disease, the pulse, season of the year and habit of the patient should be attended to. If morbid action exists we should use, 1 Bloodletting.

2. Emetics should by all means be given every day, particularly squills, and *Ipecacuanha*, sometimes Tantar emetic. 3 Purges as *Rhubarb* and *Calomel*. —

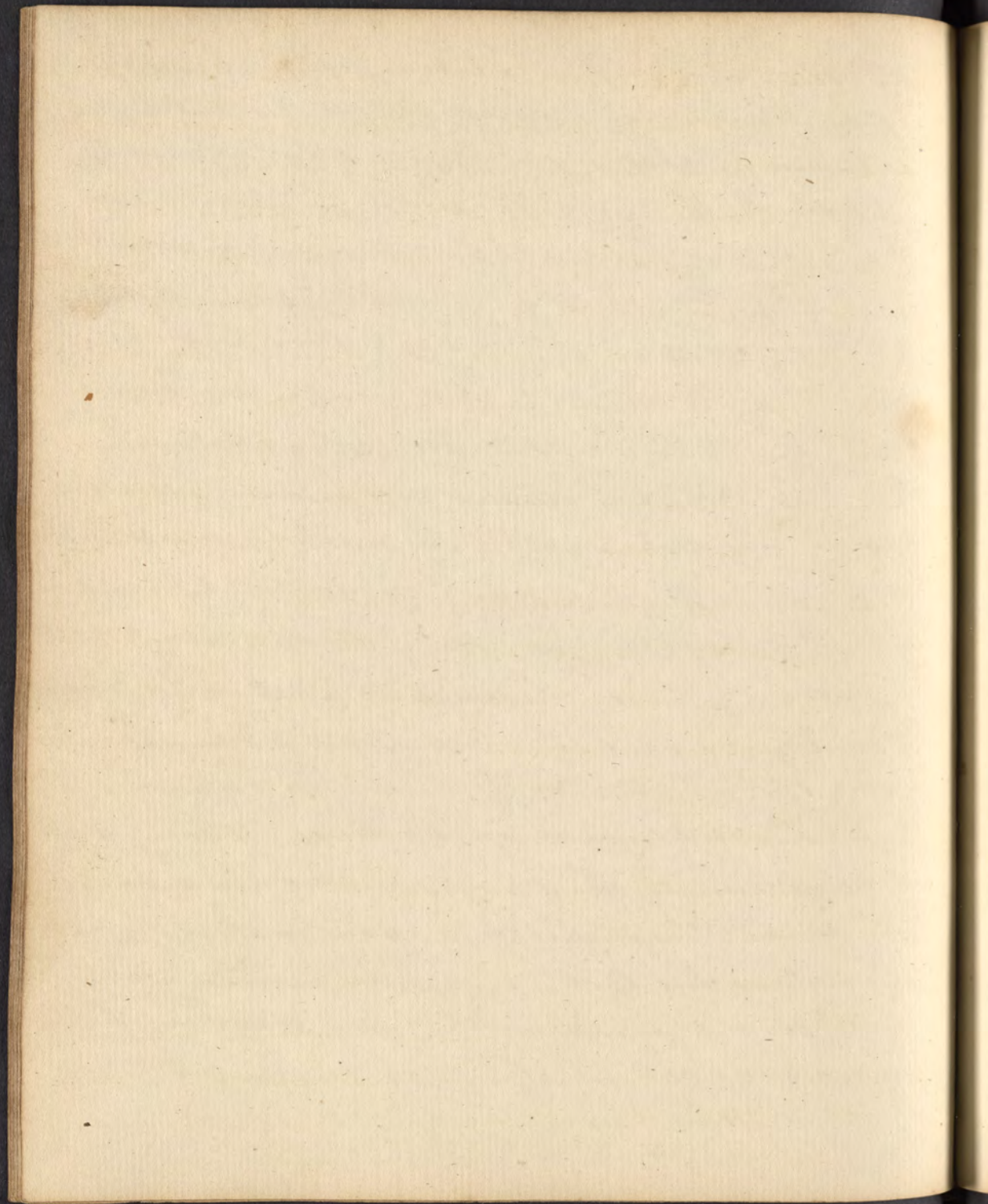
4 Cold air, as riding in the cold air. 5, Fear has suspended the paroxysm. — After the morbid action is reduced

Doct. Cullen supposes the disease to be kept up from habit, perhaps it may be so, we should then give,

1, *Opium*, 2 Tinct. *Asafetida*. 3, Oil of *Amber*. 4 *Garlic*

5 *Cantharides* has been recommended. 6 External applications as 1 Pitch plaisters. 2 Blisters. 3 Spirituous infusion of *Garlic* rubbed on the Spine. — 7 Change of air.

8 Gentle exercise. The ordinary period of this disease is six weeks; though it is by no means constant. Superstition in remedies for this disease, has prevailed more perhaps, than in any other. The Love of money and the desire of health appear to dull all capacities. —



10 Cholice, There is certainly a nervous species of this disease. I formerly described the febrile cholice which can always be known from the pulse and other symptoms, season of year &c. We now shall speak of cholice with increased excitability and debility of the nerves and muscles. It is mostly unattended with fever. — Remote causes, are, 1 General diseases as, Typhus, Hypochondriasis, Gout &c. 2 Diseases of contiguous parts as, Nephritis, Hepatitis &c. — Premixis in these cases must be denoted to the original diseases. 3 Certain aliment will produce, as Cabbage, Water impregnated with lead, sour victuals, Honey, calculi, Arsenic and Copper, Stone fruits, Lamb. Beal, fat meat &c. Deranged state of the Intestines from ruptures will often produce it. —

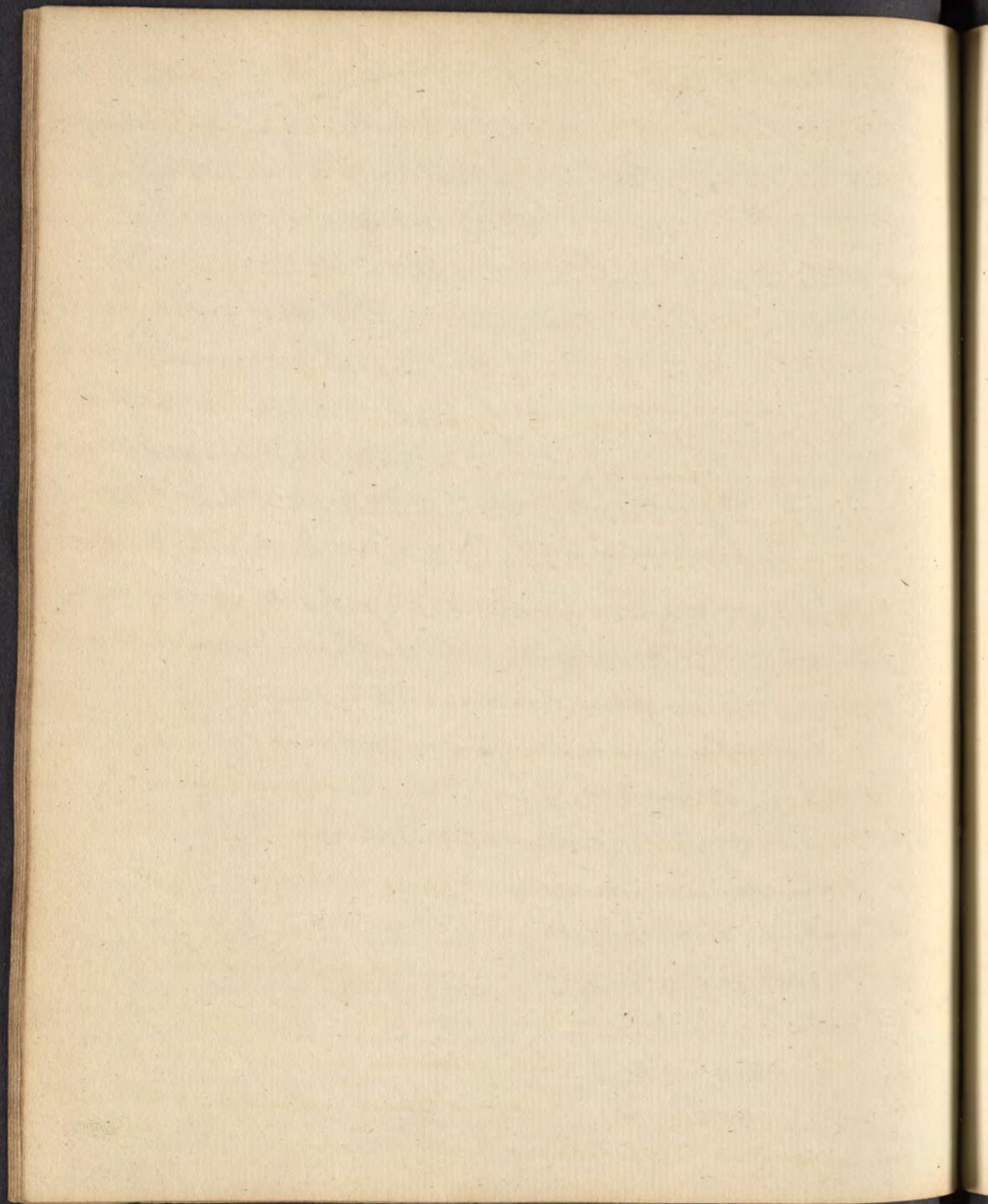
Exciting causes are several of the remote causes, Cold feet, Strong tea &c. —

Predisposing cause is Debility. —

Proximate cause is spasm most frequently in the Ileum. The *Iliac passion*, *Cholica Pictonum* &c. are nothing but higher grades of this disease. —

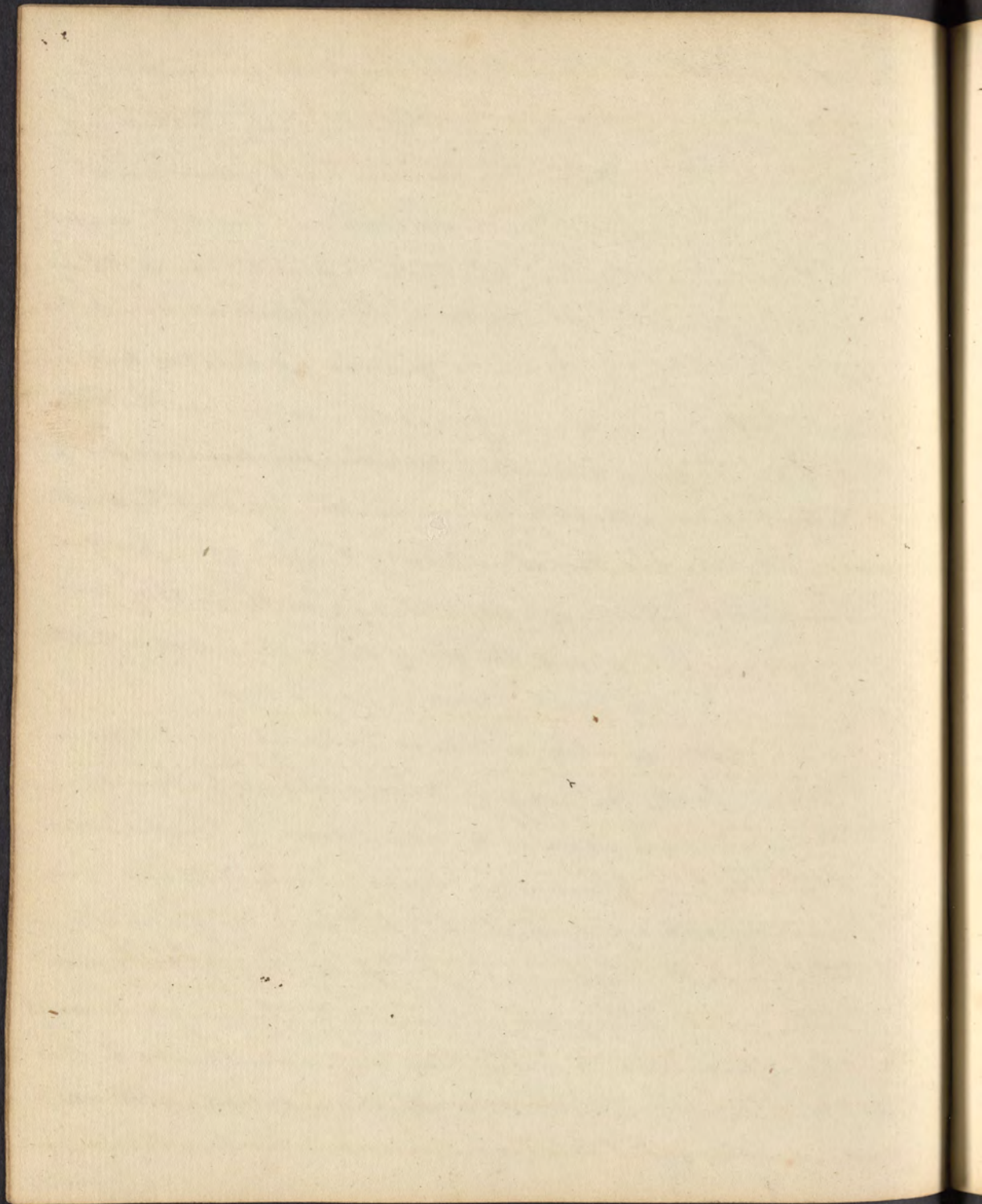
There is certainly a foundation for the bilious and nervous cholice; the one is inflammatory the other not. — When Premontory symptoms appear as

/ flatulency



Flatulency, slight pain &c. It may be prevented by
 1, Laud. Liquid. grs. \times - \times v. 2 Pediluvium. 3 Riding
 a few miles. - When the disease has formed and
 morbid action exists. 1 Bloodletting should be employ-
 ed. I have used it where the pulse informed me nothing.
 Pain and spasms often call for the Linctus as much as
 any thing else. 2. Lenient purges, as Castor Oil,
 Gum. tartar. & Salts. 3. Guaiacum is used in the West
 Indies in the form of a watery solution sweetened as a purge.
 4 Glysters are strongly recommended by Doct. Cadu-
 alxer. He thought they should only be used after purges.
 I have used Glysters of cold water from ℥j to ℥ij with
 advantage. 5 During the use of these remedies a little
 Opium should be used to ease pain. -

After morbid action is subdued give 1, Opium,
 2. Warm bath. 3 Purges of Rhubarb and Calomel. -
 4, Warm and stimulating applications to the bowels. -
 5. Stimulating Glysters as Tobacco which will act from
 its quality and water which will act from its quantity. -
 6 Blisters to the thighs are very usefull, they should not
 be used untill the system is reduced. 7 Throwing cold water
 on the extremities. 8 Salivation no person should be let
 die without using it. It is almost infalible. 9 Water
 impregnated with tobacco Juice or smoke has been recom-
 mended



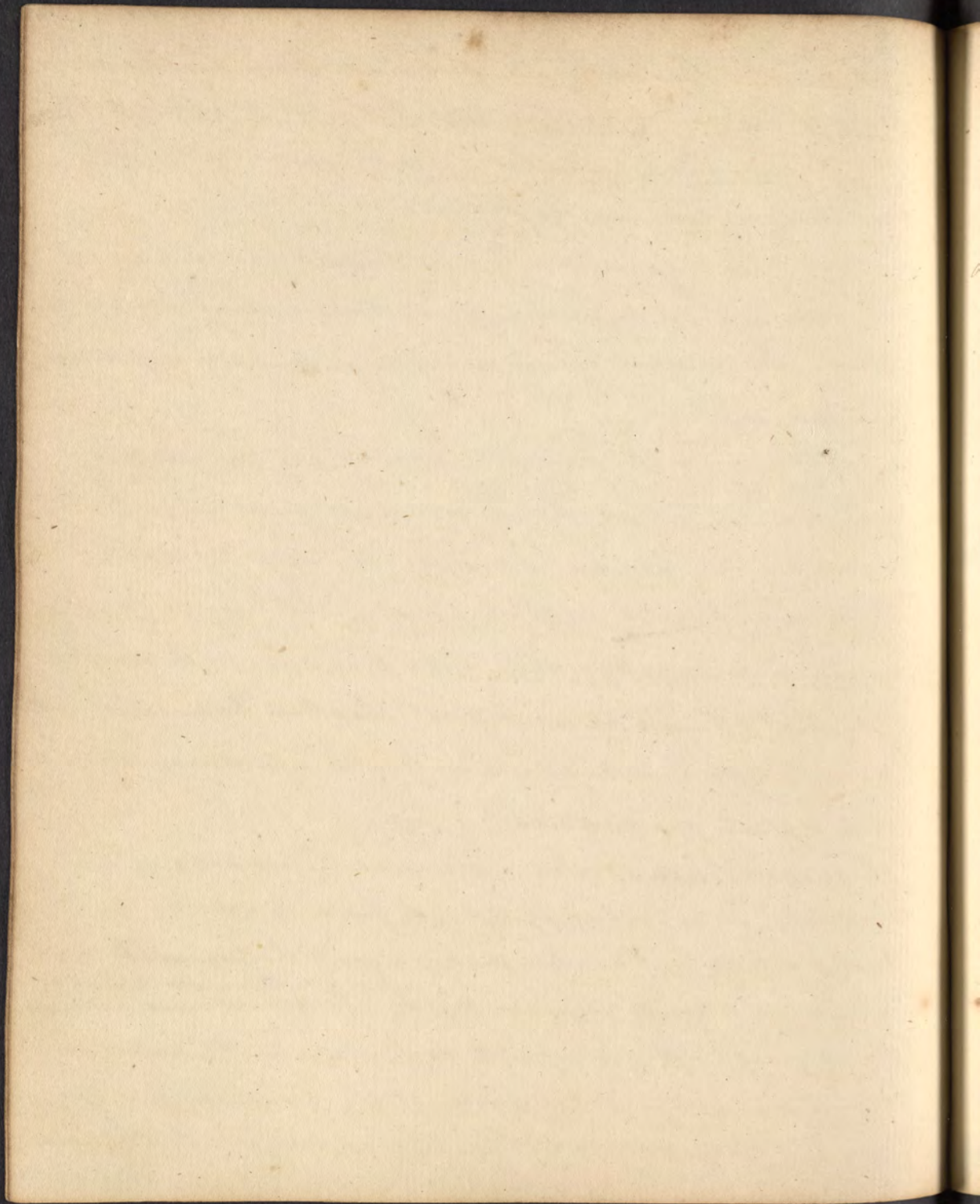
recommended to drink in cholera. 11, A Spanish Physician has strongly recommended Sacchar. Saturni. 10 Tea of Burdock seed.

Favourable symptoms are an increase of Urine, Crepitus, appearance of Scybala &c. —

A paralysis sometimes succeeds which may be removed by depletion and stimulating applications. It seldom comes on after sufficient depletion has been used —

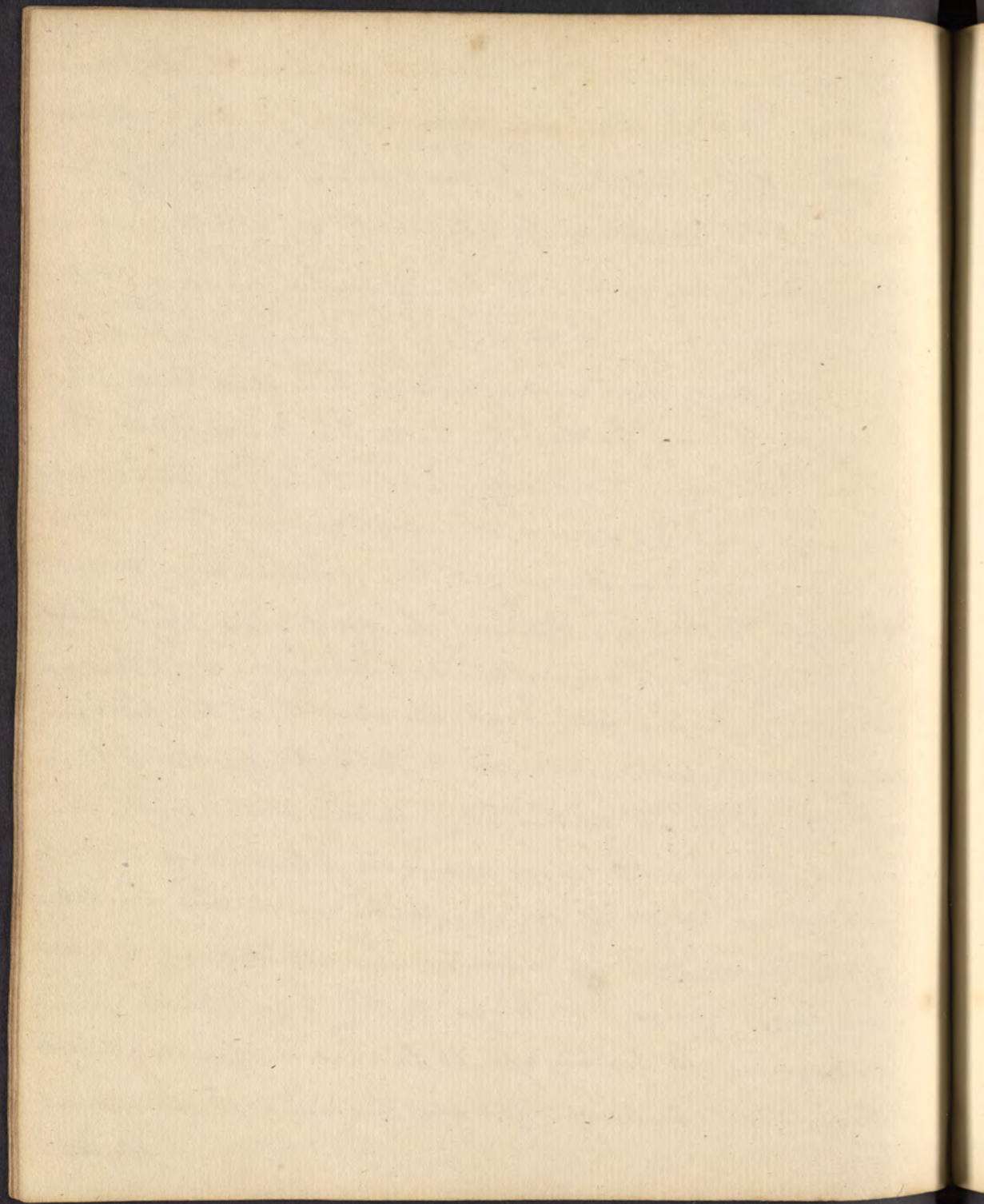
It may be prevented during the intervals by attention to diet. A mixture of Aliment should be avoided. The potatoe is almost the only vegetable that can be used with impunity. Costiveness should be particularly avoided. Cold feet should be avoided. Flannel should be worn next the skin. Exercise should be used. The habitual use of Garlic and Onions have wonderfull good effects.

11, DIARRHOEA is often a disease of the muscles of the Intestines unaccompanied with fever, produced by causes acting in the alimentary canal humorally as ^{such as bile, Pus, acrid Aliment &c.} acrid matter of various kinds. It sometimes attends Pregnancy. An incurable diarrhoea in Children sometimes arises from obstruction of the Lactals and Mesenteric Glands. — When there appears to be Plethora



- 1 Bloodletting should be used. Doct. Sydenham highly recommends it.
- 2 Purgers are often given though improperly, none should be given except Rhubarb treated in this way it gives less.
- 3 Cornets of Spicaeantha are excellent in Diarrhoea.
- 4 Opistors with Spicaeantha are good, *Rep. Spicaean. Rhubarb. aa gr. ij. Gum. Opii. ʒ. j. ter in die.*
- 5 Stimulants and astringents as Kino, Oak bark, Per-simmon Gum, Galla. *Rep. Galla ʒj. Nucis mosch. N. j. Spirit. Gaul. ʒj.* The spirits should be burned untill as much is destroyed as can, then add an equal quantity of water and a loaf Sugar q.s. dose cochlea Magn. ter in die.
- 6 Tonics, Bitters of all kinds should be used. They should be combined with aromatics as Cinnamon &c.
- 7 Balsamic medicines are often very serviceable, as the balsam of Copaiva and Turpentine in Pills.
- 8 Glysters of *Spica. Opium ʒ. ij* and Rice jelly are very serviceable.
- 9 Mullin milk, large draughts of toast and Water, mallows tea &c.
- 10 Blisters to the wrists and ancles.
- 11 Suitable diet, i.e., acidulent and alkaliescent as occasion may require.
- 12 Warm bath.
- 13 Cold bath.
- 14 Exercise.
- 15 Sea voyage.
- 16 Salivation should always be used.
- 17 A change of water has cured.
- 18 Attention

/ should



should be had to the vessels in which the patients victuals are cooked. I have known an habitual Diarrhoea cured by a Pleading. —

12 Dyspepsia is attended with flatulency, pain in the Stomach, acid eructations &c.

Causes which act directly in producing it are bitter, Tobacco, Astringent Spirits, Opium, Strong tea, frequent repetition of Gross food, also with much liquors. Swallowing aliment without mastication, frequent vomits, rejection of saliva by Tobacco, much Sugar, Nitre &c. — Causes which produce Dyspepsia by acting on the whole system are, 1. A sedentary Life, 2. Excitation of mind. 3. Excess of venery. 4. Much Study 5. Frequent intoxication. —

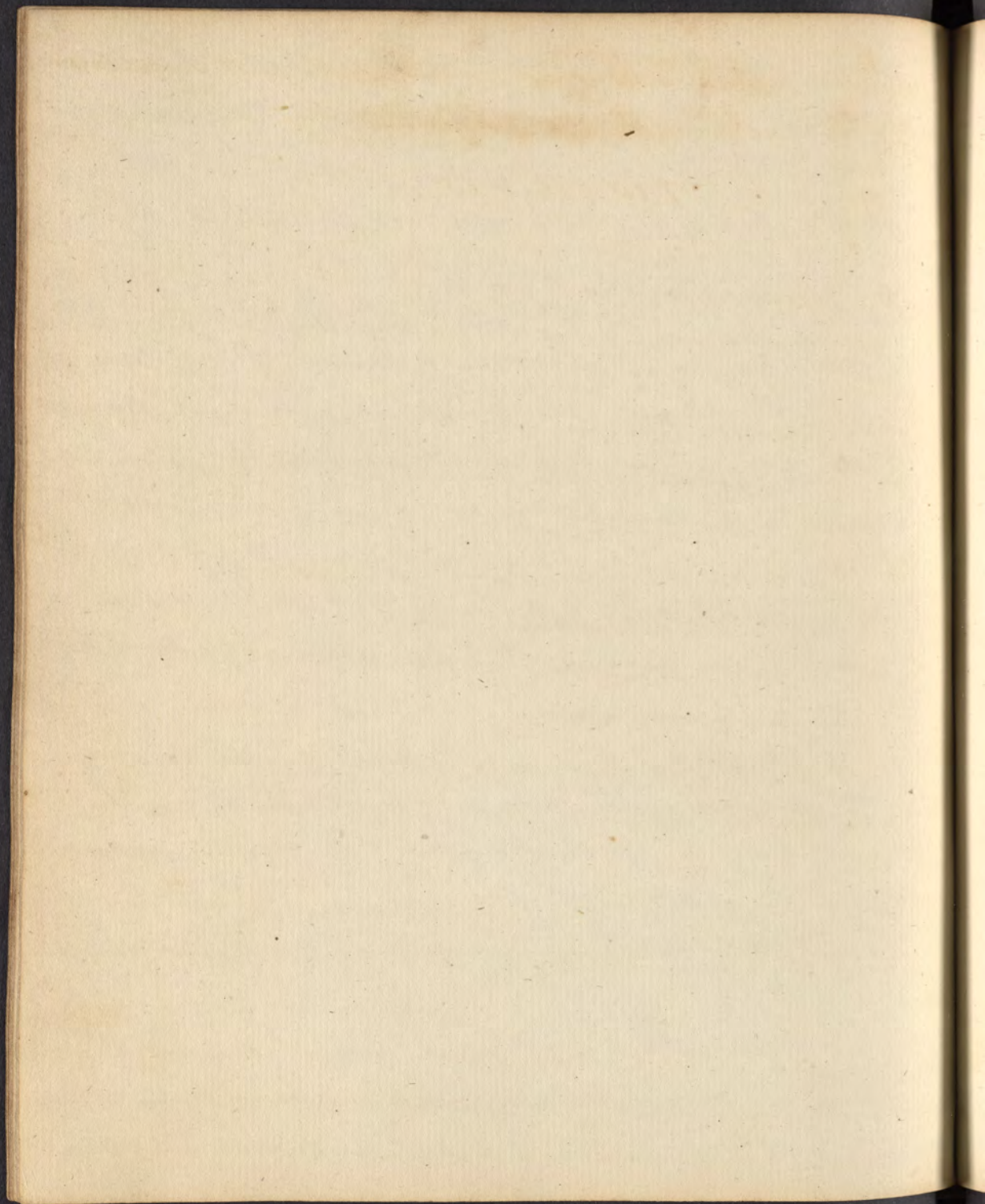
Predisposing cause is general or local debility. —

Proximate cause is an increase of action in the muscular fibres of the Stomach. M^r Hunter supposes life to be seated in the Stomach. —

Remote causes, in addition, are Capied Aliment and diet &c.

CURE, Palliative remedies are, 1 Magnesia, 2 Lime Water, 3 Alkalies. 4. Common Salt by itself and with Lime juice. 5 Milk when Gastrodynia attends.

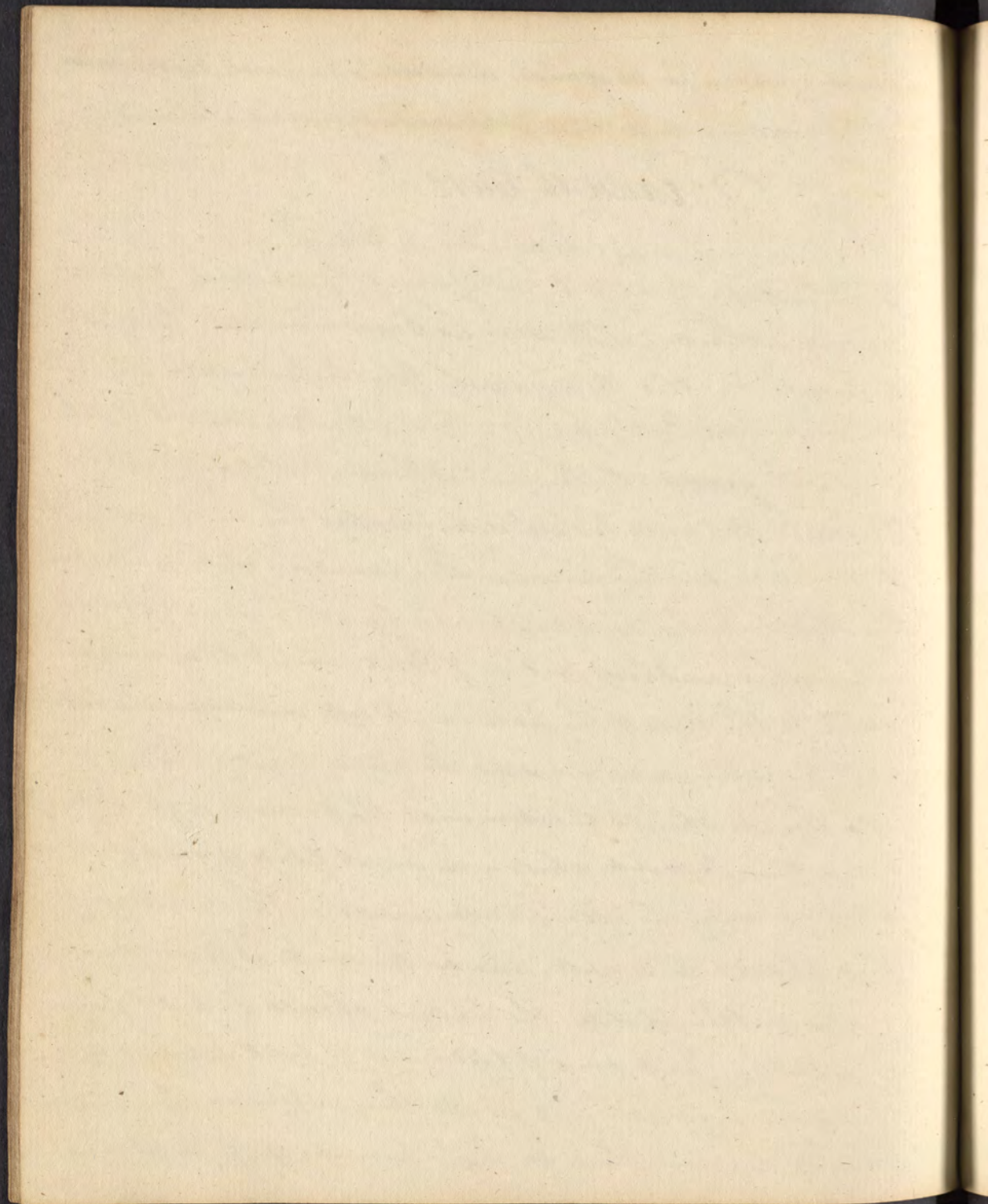
16. Opium



Opium when Gastrodynia attends and just before eating.
 7. Laxative medicines particularly aloetic Pills. —

Radical Cure.

1. All causes must be avoided. 2 Vitriol. Alba. or Spicac.
 3. Bloodletting may be necessary when much Gastro-
 dynia attends. 4 Bitters as Cammomile, Tonicia,
 Columbo &c. Also Horseradish, Garlic, Aromatic Substan-
 ces, as Orange Peel, pepper &c. Doct. Cullen advises Bark
 it is not good. 5 The rust of Iron with five grains of
 Powdered Columbo to each dose, makes the most valuable
 preparation in this disease. Preparations of Iron darken
 the stools. 6 Salivation should by all means be tried
 when other methods fail. — 7 Diet must be accommo-
 dated to the state of the patient, Beef, mutton, wild fowl,
 salted meat and raw oysters, biscuit, roasted bread &c.
 No liquors should be taken with the patients diet. I always
 forbid them to drink while eating. A Glass of good Madeira
 or Porter may be allowed afterwards. — The quantity of
 food should be small, and as the smell of food often
 destroys the appetite, the patient should be kept from
 large tables. Each kind of food must be kept separately. —
 If patients reject food in all these instances, their aliment
 should be given them in bed. Turnips, of the vegetable,

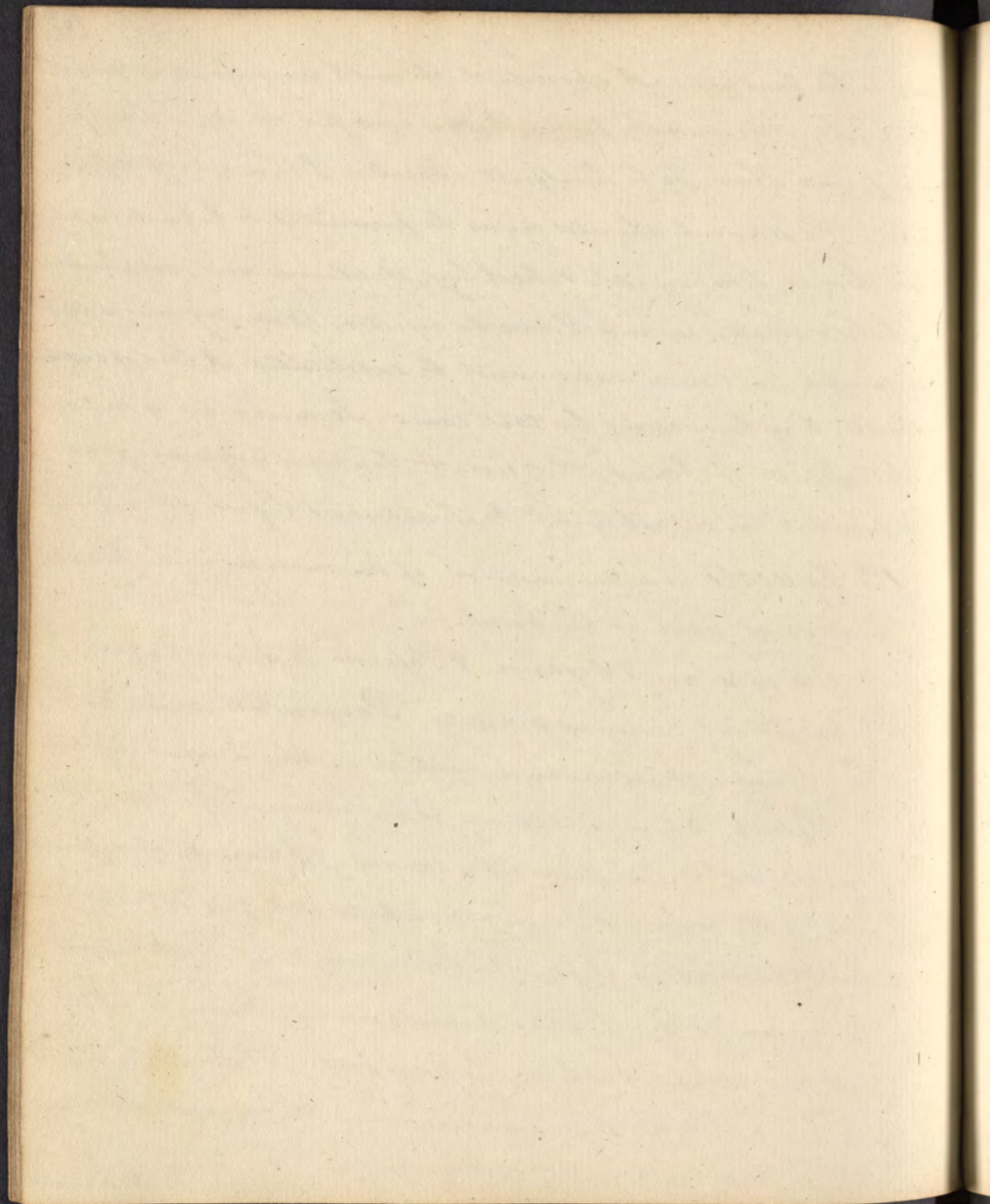


are to be prepared. A Spoonfull of milk every hour is excellent. It is common to forbid butter and fat meats, I have not found them to be hurtfull. Butter I think is of superior use. The stomach should never be permitted to be quite empty, for when so, like an idle school boy, it always does mischief. Should Madeira and Porter be rejected, Brandy and water or simple toast and water must be substituted. A love of ardent spirits has been cured by tart. emel. It cures by a new association of Ideas. Religion & Tea and Coffee are good to prevent an attachment to spirituous liquors.

13 Syncope is a diminution of the motion of the Heart and every part of the body. —

Causes are, 1 Organic. 2 Passion. 3 Hemorrhages. Predisposing cause is debility. Proximate cause is the absence of action and motion in the nervous system.

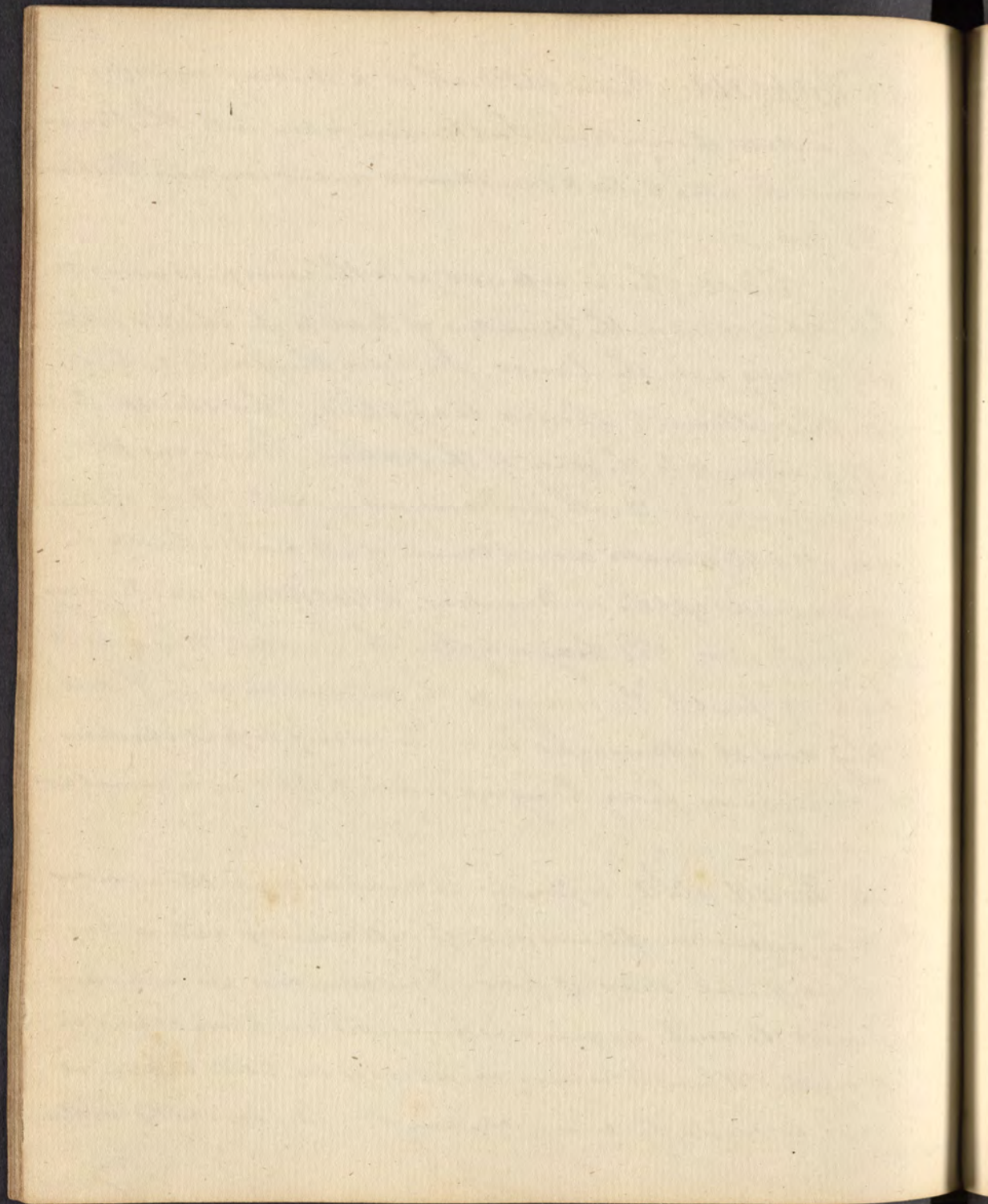
CURE, When it is owing to an organic affection it is incurable, when from other causes. 1 Stimuli of different kinds to the nose. 2 Fresh air. 3 Cold water. 4 Blisters. — 5 Cataplasms. — Syncope from drinking cold water, is to be cured by Liquid. Laudanum. When from heat the warm bath is the remedy. Prevented by exercise, the cold bath and avoiding the causes. It may always be overcome by resolutions. —



14. *Asphyxia*, Resembles Death in a striking manner. — It is a state of inaction. Substances taken into the Stomach produce it, also Cold & sometimes contagion and Carbonic acid Gas. —

Cure, This is different as to the cause producing it. Life depends upon the stimulus of heat to the whole system and of Oxygen to the Lungs. In order therefore to restore life these Stimuli should be applied. They should be used according to the state of the system. Frictions ~~are~~ are serviceable. Death from drowning is caused by an obstruction of dephlogisticated air. Stimuli of all kinds should be gradually applied. Vomiting, Bloodletting and Purgings are improper. The body is lighter than water; Why does it sink at first? 'Tis owing to the contraction of the Fibres. Why does it afterwards rise. 'Tis owing to putrefaction. Asphyxia from hanging is to be treated in a similar manner. —

15 Head ache, is partly arterial and partly nervous. It is a symptom oftentimes of inflammatory action in the different states of fever. The remedies in such cases must be such as are recommended in those states of fever. When it occurs in fevers of too little action it is to be cured by wine, Opium &c. By equally differ-
sing



sing the excitement through the system. Intermittent head ache is to be cured by the same remedies that cure intermittent fever. Sometimes it is a symptom of Gout. 'Tis sometimes symptomatic of Rheumatism. When chronic the steams of hot water are good.

Head ache frequently occurs at that Period of life between 35 and 40, when there is a struggle between the arteries and veins. 'Tis to be cured by depletion.

Contusions of the head are often a cause of this complaint. Sometimes incisions to the cranium are necessary. Obstructed menses are often the cause of headache.

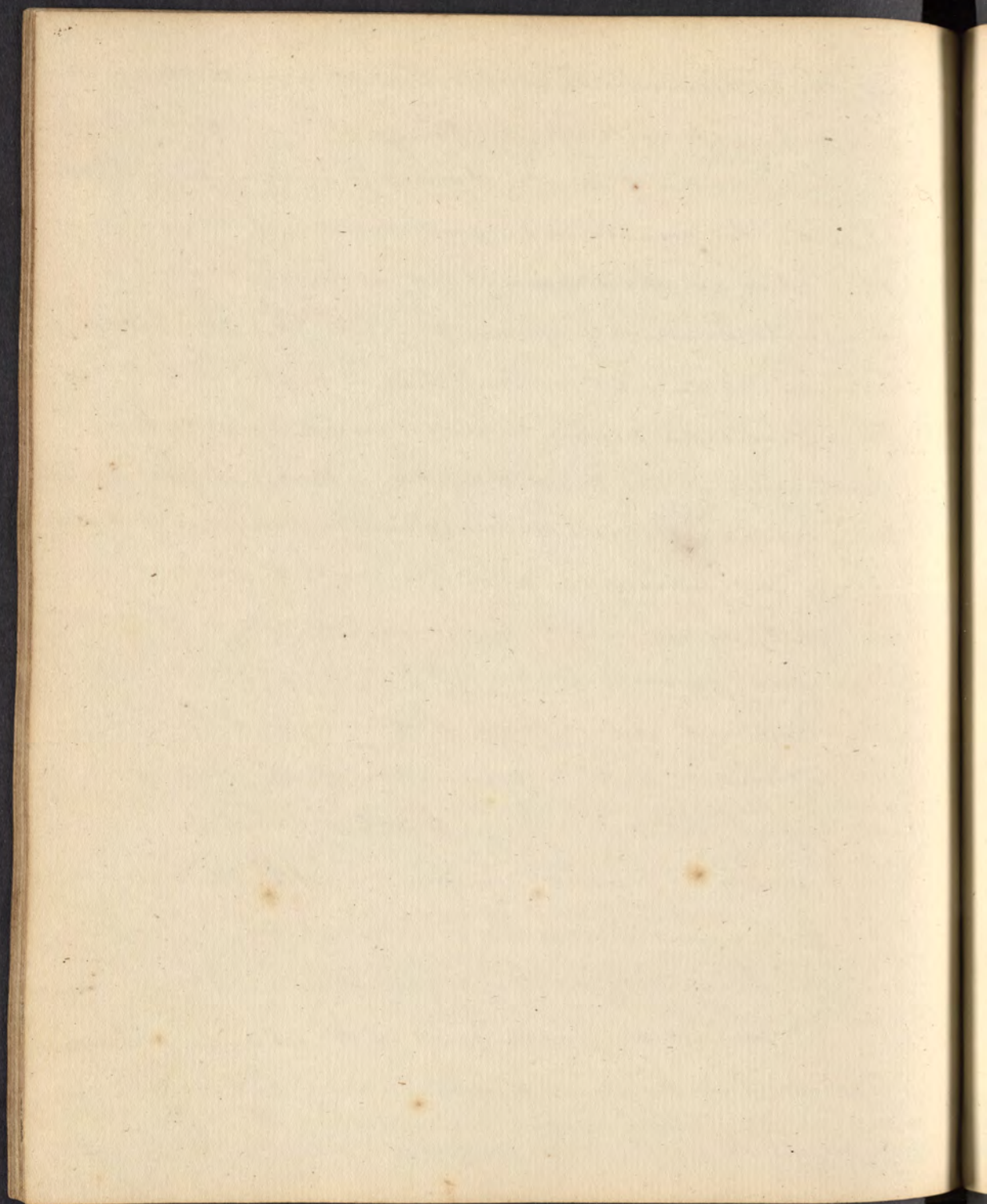
The obstruction must be removed to relieve the brain.

'Tis often formed by abscesses in the frontal sinuses. It sometimes occurs from Influenza. I have seen it alternate with a immobility of the Arms.

It frequently occurs from Dyspepsia. From certain Stimulents as Butter, Chocolate &c. All the causes are to be avoided in order to prevent it. The contents of the abdomen are to be evacuated.

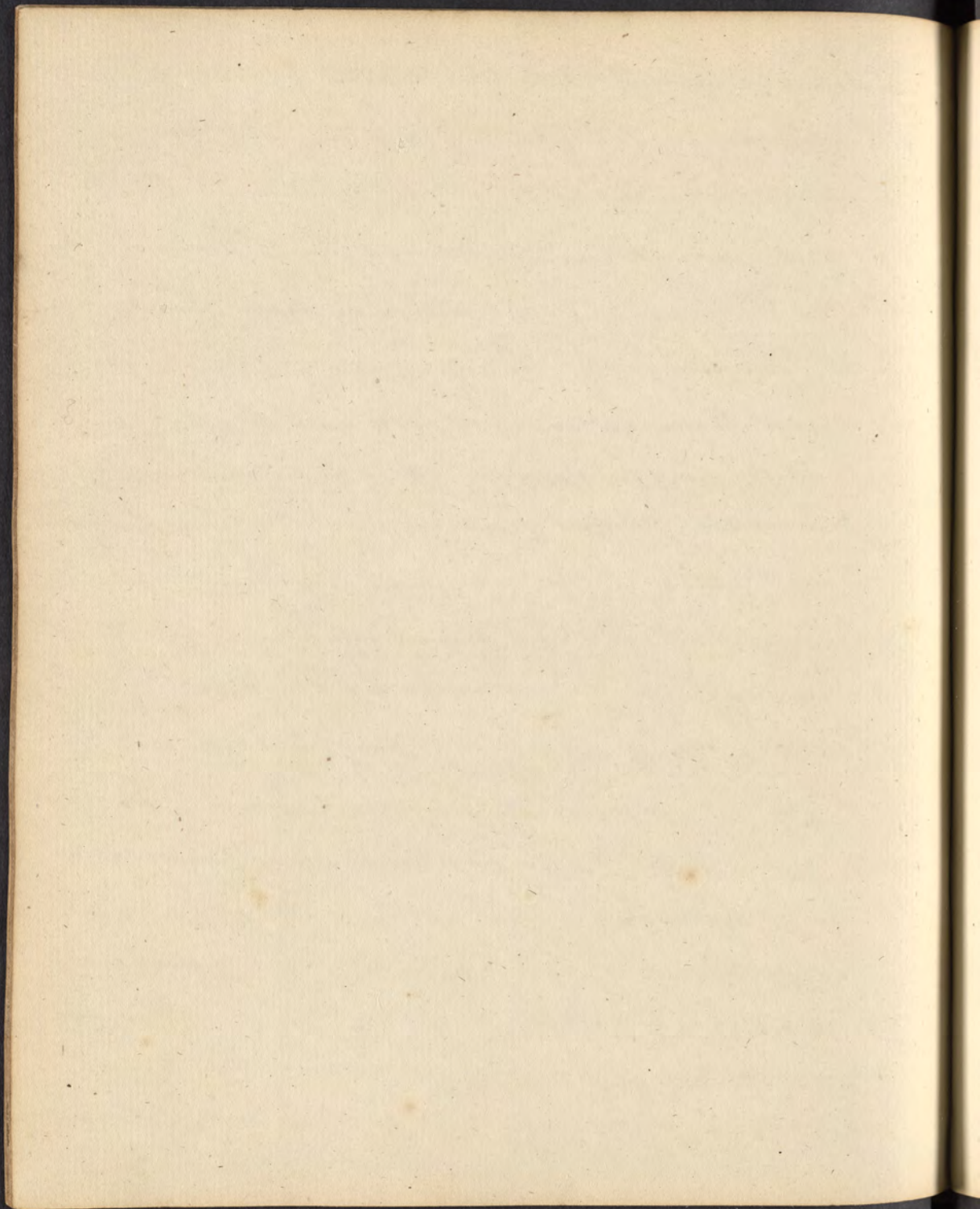
During the paroxysms of Head ache a little Liquid Laudanum or wine may be given.

The sick head ache is perfectly prevented by a dose
of Laud.



of Lacrymum. A little bloodletting is really mispay.
 When headache is the effect of Hysteria and Hypochond-
 riasis, the remedies for it are the same as for those
 diseases. Sometimes it alternates with mania. In
 this case excitement is transferred from the nerves
 to the Bloodvessels. It alternates with tumors. —
 It arises from extremes of cold and heat; from
 certain Odours and winds, Also from intense study,
 hence called Morbus studiorum. Mercury lodged
 in the Diploe of the cranium has been found a
 cause of it. When the arterial system is affected
 we can readily be informed by the Pulse.

CURE, 1 Bloodletting. 2. Cupping. 3. Laxatives. 4,
 Bark when periodical. 5 Blisters. 6 Opium. 7 Darkneps,
 Silence, and Rest. 8 Cold applications as Vinegar &c.
 9 Tight ligatures as well as the exciting causes are
 to be avoided. When the Pulse discovers marks of
 Inflammation Digitalis is usefull. When there is
 arterial action Coffee should be avoided. Emetics
 only afford temporary relief. Rad. Valerian has
 been



been used: When there is too little action we must use
1. Opium, 2 Wine. 3 Spasmodica. 4 Gentle stimulating
food. 5 Blisters. 6 Stimulacories. 7 Tea and Coffee.
8 Ether. 9 Cloves applied externally. 10 Pediluvium.
11, Cold bath. 12 Salivation.

Head ache of long continuance often ends in
Deafness, Blindness, Fatuity &c —

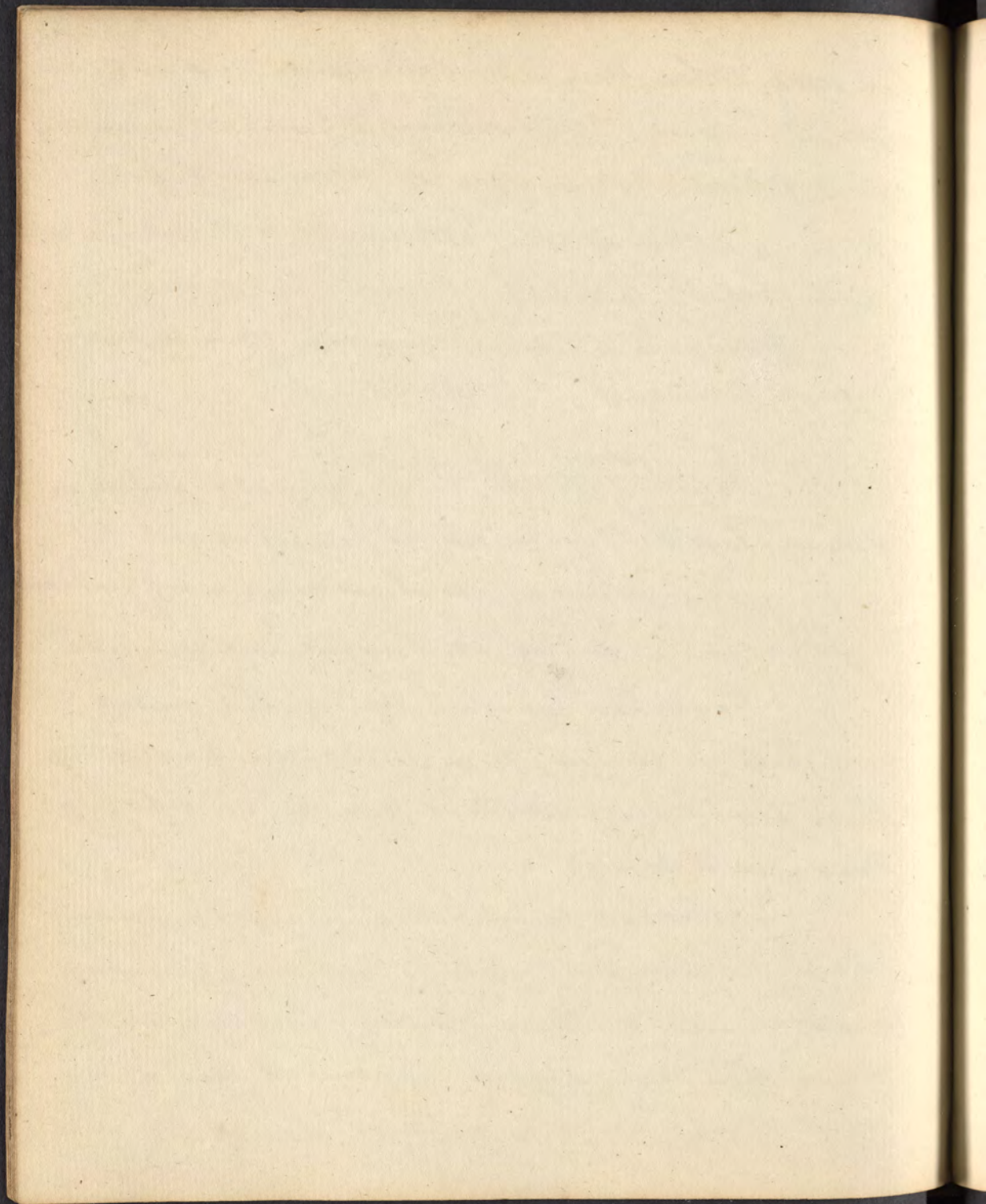
16 Venereal Disease, 'tis the prerogative of God, not
of man (says Doct. Sydenham) to punish men.

It is divided into *Leues venerea* and *Gonorrhoea*

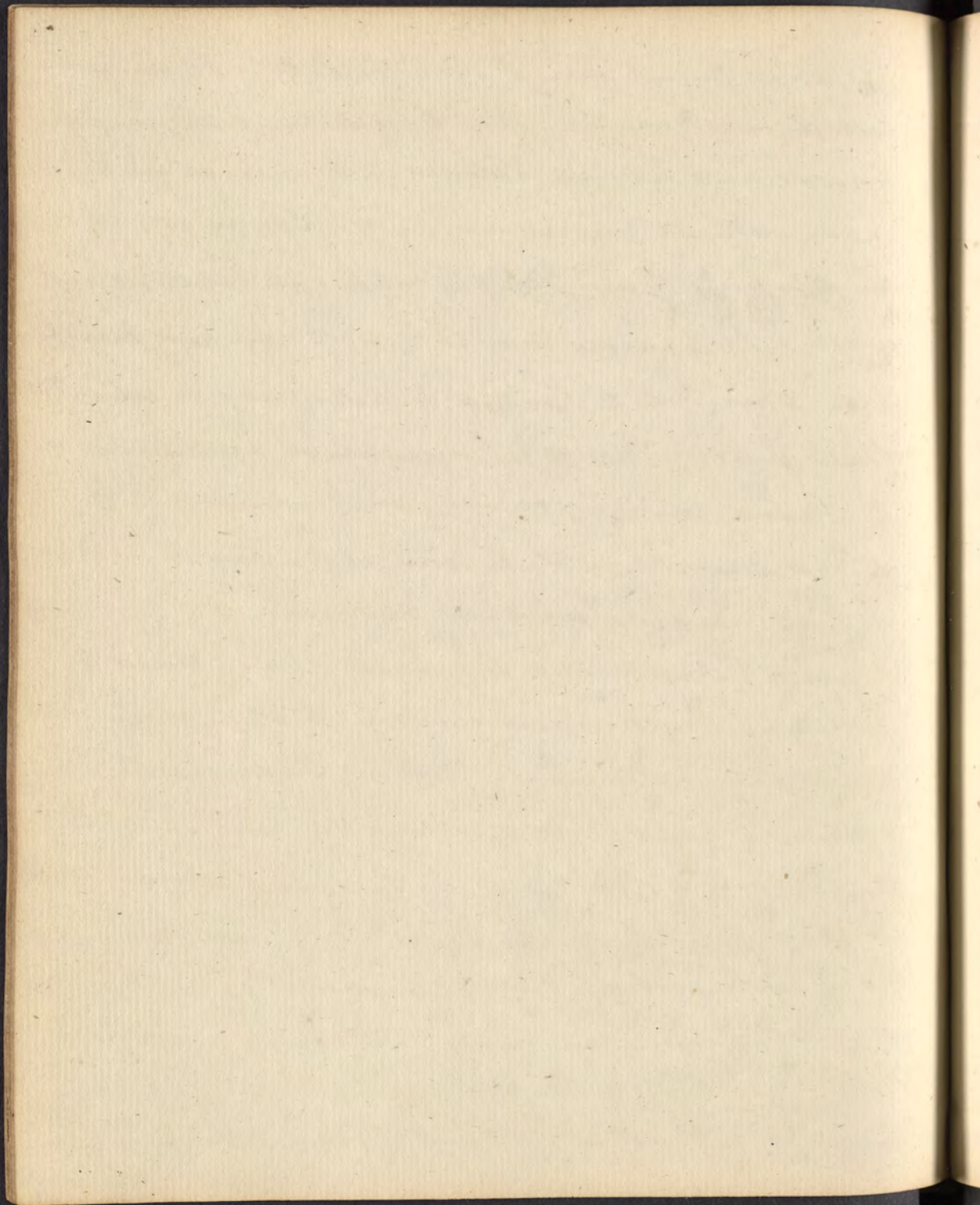
Gonorrhoea is divided into *benigna* and *violenta*.

Gonorrhoea benigna, occurs from much
venery, from bruises, from Gout and intermitting
fever, from new impressions, from mere debility as
Fear and teething. —

Gonorrhoea violenta arises in consequence of
impure coition, from a tainted bed, tainted nappery,
tainted breeches &c. Hard drinking will recruit it.
From three to six days is the general period, in
which it appears after contact, though it will
appear

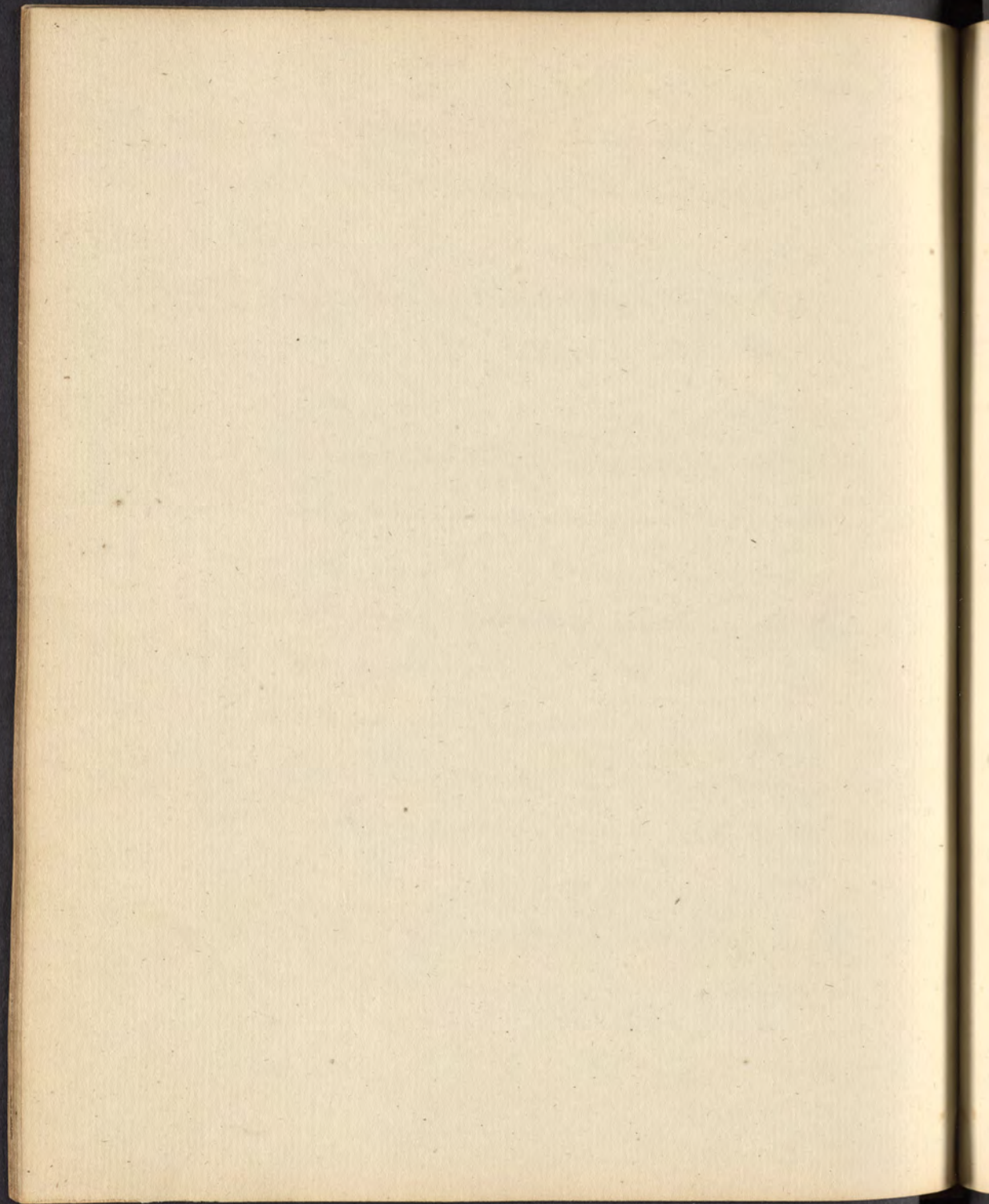


appear at much more lengthy periods. It may be
 cur'd in its simple state by dilution with mild
 liquors and external lotions. Mercurial ointment
 made without turpentine, the yolk on an egg and
 the solution of Gum Arabic makes an excellent inj-
 ection. 1 Chancres may be removed by red precip-
 itate, Savin &c. 2 Swell'd Testicles may be relieved
 by suspension, Emetics, mercurial ointment &c.
 3 Buboes, cur'd by mercurial ointment. The
 hy. poultice, should be used, if tending to suppu-
 ration. They should never be opened. 5 Phymosis
 prevented by keeping the parts clean, cur'd by
 emollient poultices and incision. 5 Paraphymosis
 to be cur'd by cold water, the taxis, sugar of lead. &c.
 6 Chorde cur'd by Opium and sleeping in tight
 Braces. 7 Glands cur'd by balsam of copaiva, stibio-
 A good injection is thus prepared R. Sac. Saturni ℥ij
 Merc. corros. subl. ℥j. Spt. Sal. Ammon q^{ty} ℥j. Ag. Font. ℥iv
 q. mist. et injice sape in die. A simple Gonorrhoea
 may be cur'd by matumony. 8 Strictures, cur'd by
 Bougies, by Caustic &c. The prepⁿ of lead improper for injections
 Lucas



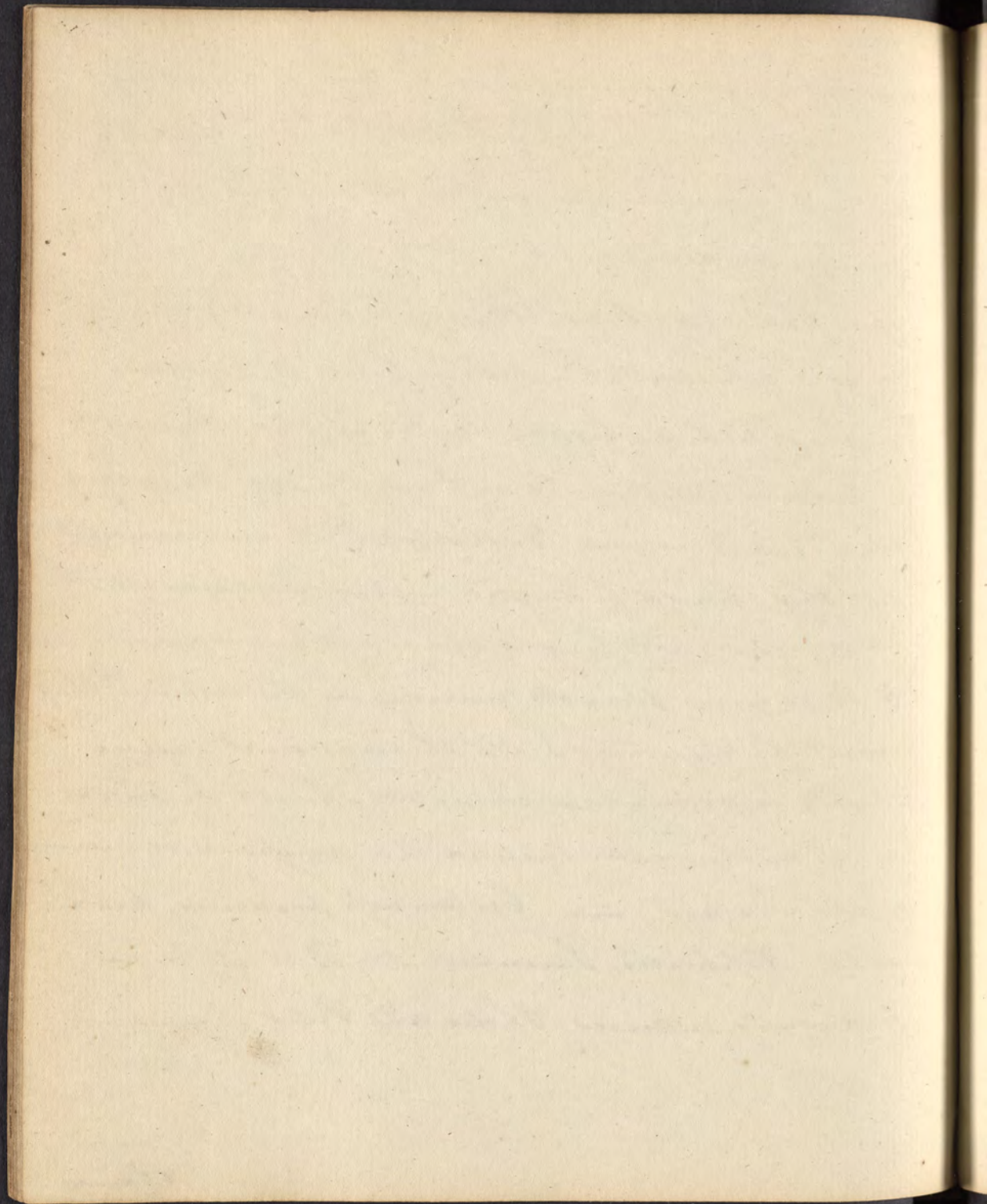
Lues is to be cured by mercury internally and ex-
 ternally. The patient should bath in warm water before
 using the mercurial friction. The best form to exhibit
 mercury in, is to triturate the quicksilver with
 Gum Arabic and mix it with soap. Warts are to
 be cut off when formed. Patients should not be
 salivated to a high degree. The unguentum citrinum
 is the best ointment when eruptions take place on
 the skin. Always accommodate your remedies to
 the state of the system. Opium can only be proper
 when the system is relaxed and Stimuli are required.
 The nitric acid has lately been used to cure this
 disease. Hypochondriasis and Rheumatism
 are often mistaken for it. It is then called the nod-
 dle Pox; You must convince your Patients and
 give them no medicine. — Lues disposes much
 to Rheumatism. Leprous spots have been suspected
 to be venereal when they follow the disease. —

17 Costiveness. When local it arises from particular
 diet as cheese &c. from certain drinks as port wine &c.
 / from



from a change or from new diet. from a sedentary life, negligence in going to stool, from riding and sailing, from certain matters obstructing the lower Bowels, hardened feces &c. —

Remedies are 1 Rising early. 2 Regularity in going to stool at a certain hour. 3, Laxative diet as Indian bread, roasted apples, Prunes &c. 4 Laxative medicines as Crem. Tartar, Rhubarb chewed, Aloes and Butternut Pill are recommended, but they should be avoided in chronic costiveness, the Aloes when used long is apt to act as a narcotic. — 5 If it arise from obstructions in the rectum, they must be removed. 6 All the occasional causes should be avoided. A close stool should be made use of in the winter instead of a necessity, on account of the cold air. — Costiveness produces, Head ache, Nephritis, Jaundice &c. But it more frequently induces Cholera and Piles. —

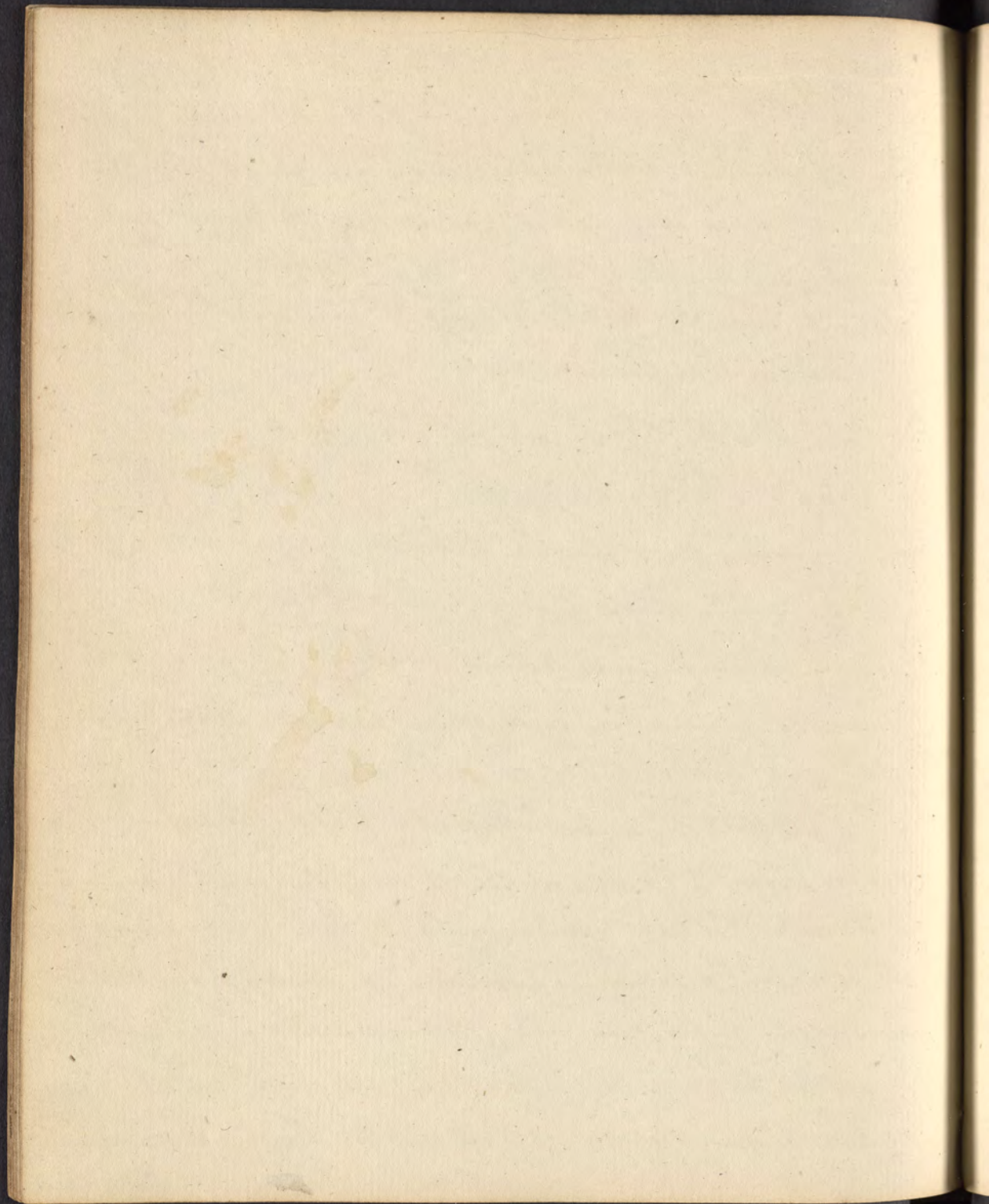


18 CANCER, is a tumor derived from Scirrhus, Causes are whatever induces Scirrhus. Effusions will produce it, also obstructions excited in the womb from the effusions. It is either with or without ulcer. — It is known by Heat, itching &c. This most frequently found in Glandular parts. —

On the Penis, ulcers are apt to terminate in Cancer. Internal cancers are innumerable. They generally affect people beyond 45 years of age. — The humours of old people have a peculiar acrimony hence acid Urine, saliva, Tears &c. Cancers are more frequent in cold than warm climates. They are either local or general. —

CURE, and 1 Internal Remedies as,
 1 Low diet, 2 Belladonna, 3. Cicuta. 4 Hyocianus
 5 Bark. 6 Steel. 7. Mercury. 8 Arsenic. 9 Bloodletting
 Just before a scirrhus ulcerates the pulse shows marks of inflammatory action. here bloodletting I can conceive may be proper. In this as in all diseases the pulse must be our guide. 10 Salivation has cured cancer. —

/ II Internal



II External Remedies, as,

1 Excision. Cancers used to be called *Noli me tangere*, They should be called *Excide me*, always advise the extirpation of the smallest tumors, never dismiss such patients without strongly advising extirpation
 2. Caustics, as the Poke root, Sumach, Indian turnip *Lunar caustic*, *Caustic Alkali*, *Arsenic* &c. They are only proper in small tumors. The Habit, diet, and exercise should be attended to. —

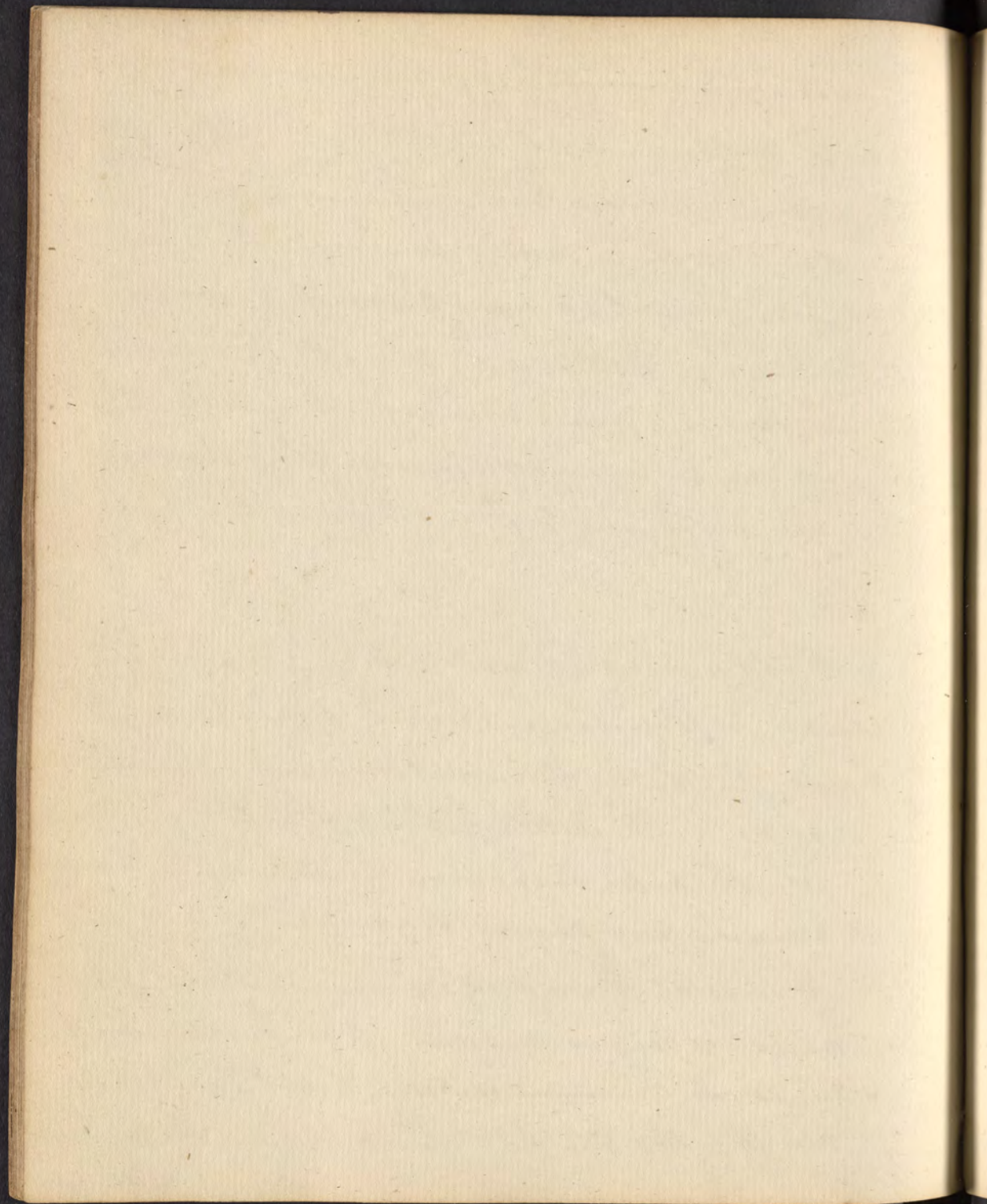
19 Cutaneous Eruptions, arise from a morbid affection of the cutaneous vessels, from Scurvy, Lues, Cure, In the use of external remedies we should study habit, Bloodletting should often be required. —

If the pulse be inactive, Tonics as wine, Bark and animal diet should be advised. —

External Remedies are numerous, as 1 Tar Ointment. 2 Unguent. Citrin. 3. Unguent. præcip. Alba. 4 An Ointment of Nitro, Sulphur and lead. —

For Herpes the best remedies, are 1, Sal. mur. corros.

12 Sprink



2, Sprinkling with Calomel. 3 Cold water and warm bath. —

In Tinea Capitis the hair must be shaved off
 Less often in cure this disease than any thing else —

Ring worm, is evidently an animal, Cure
 1, Ink. 2 Gun Powder. 3 Nitrous acid diluted so
 as not to excoriate will never fail: —

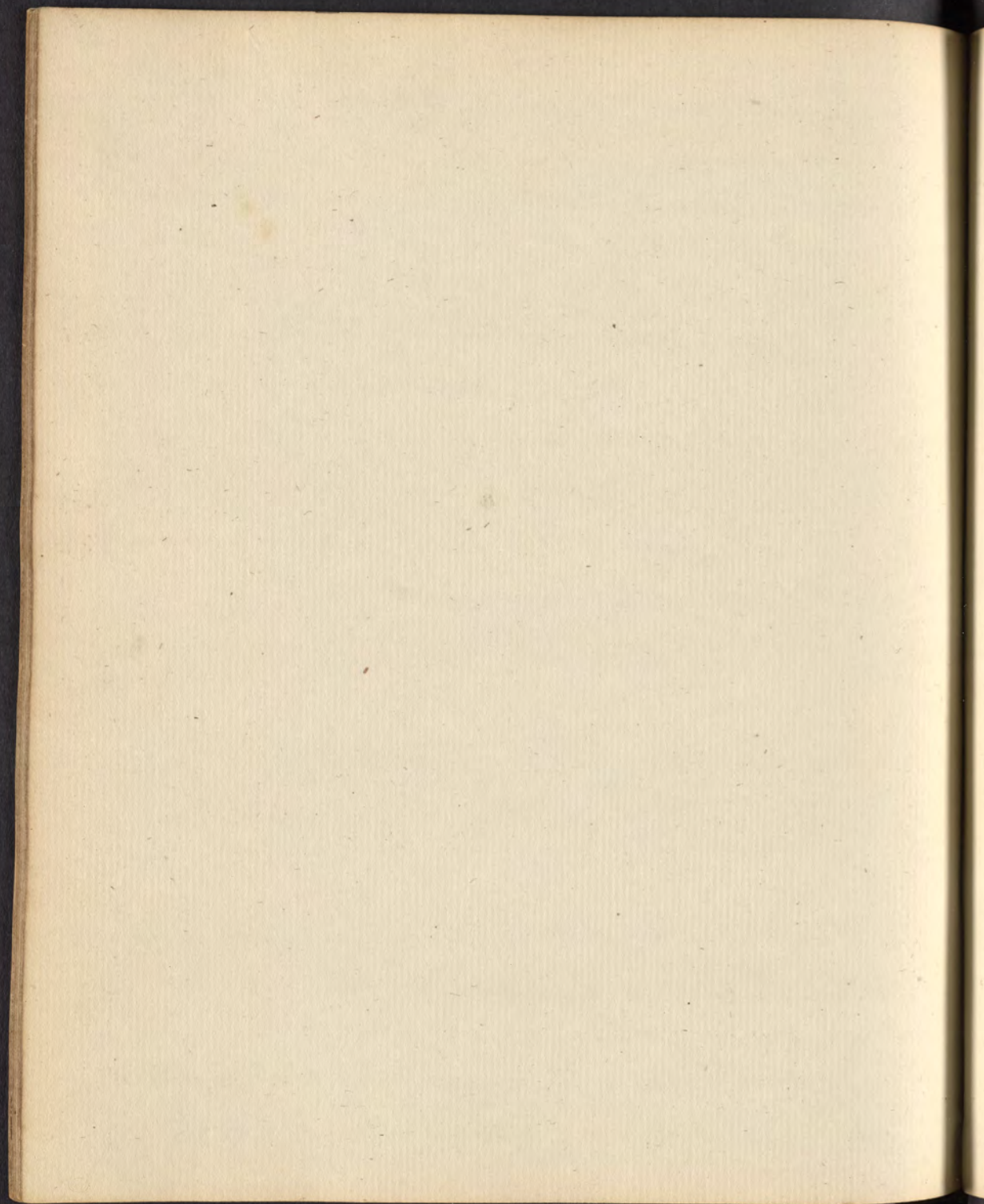
Itch. Cure, 1 Sulphur. 2, Mercurial Ointment.
 3 Sulphur shirt worn a week. —

Morbus Pediculosus, Cure 1, Mercurial
 Ointment. 2, Larkspur. 3 Cleanliness. —

20 Deafness, It arises sometimes from inflammation
 Also from wax, extraneous substances &c.

Cure, When inflammation exists we must use
 depletion, When from wax we must provide 1, by
 extracting it by instruments and injections. —

J. Nintum



Nineteen out of twenty cases I believe occurs from wax. —

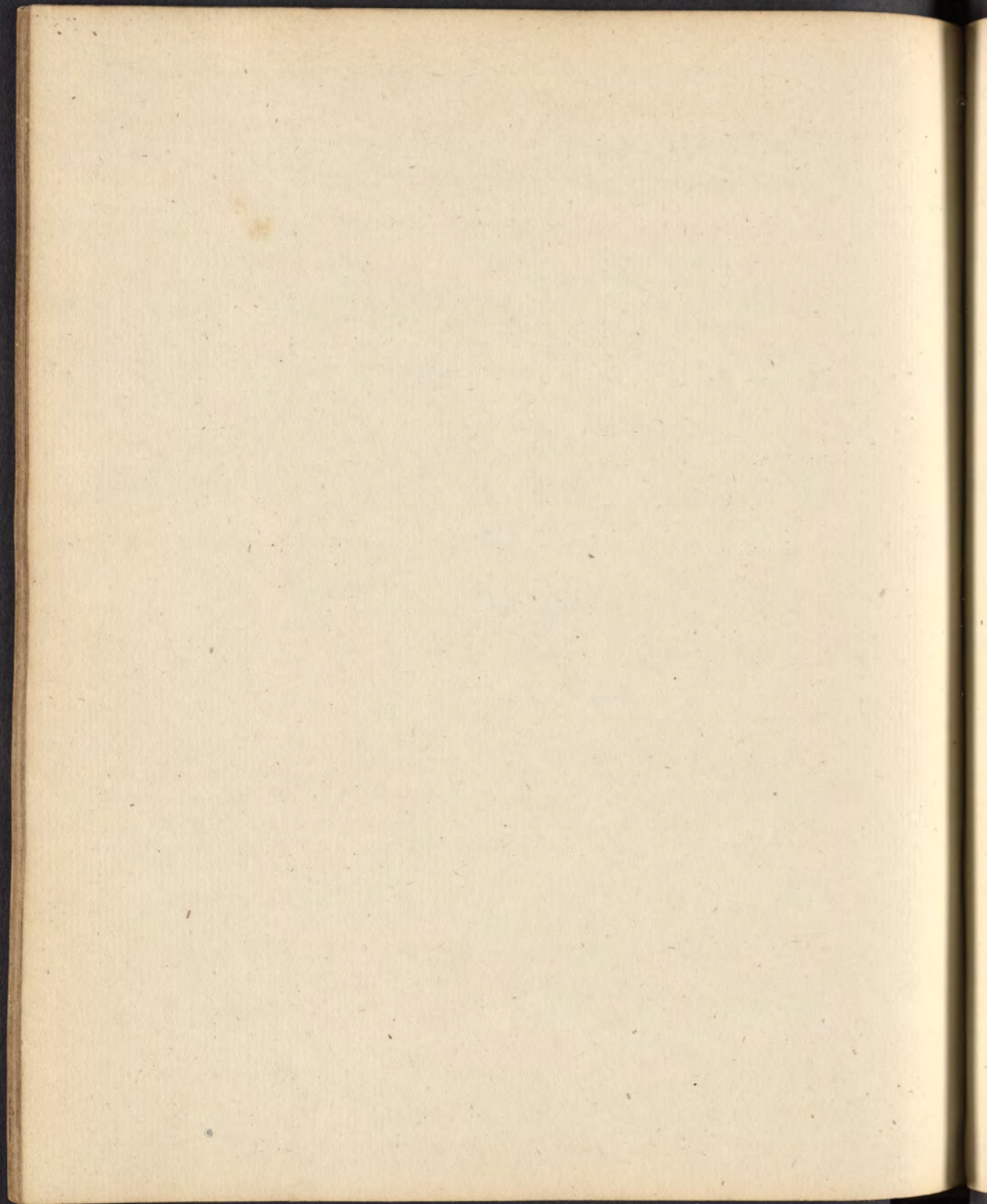
When it is owing to insensibility of the membrane a little salt is serviceable, to be let stay in all night. When from relaxation of the membranes of the Tympanum a tea of tanners bark is very serviceable. —
 Cantharides finely Powdered has been blown into the ear with advantage. Extraneous substances as Insects must be extracted or destroyed. —

21, UlcERS, I beg leave on this subject to refer you to my 2^d. Volume of Med. Ing. & Obs. —

22, CORNS, are the cause of much pain and invite to Gout. —

Cure, 1 Caustics. 2, Blisters. 3 Arsenic. —
 4 Caustic. Alkali. Large easy shoes should be recommended. When caustic is objected to, Corns may be rendered tolerable by Plaster of diachylon.

23, Diseases of old People, vide vol. 2. Med. Ing.



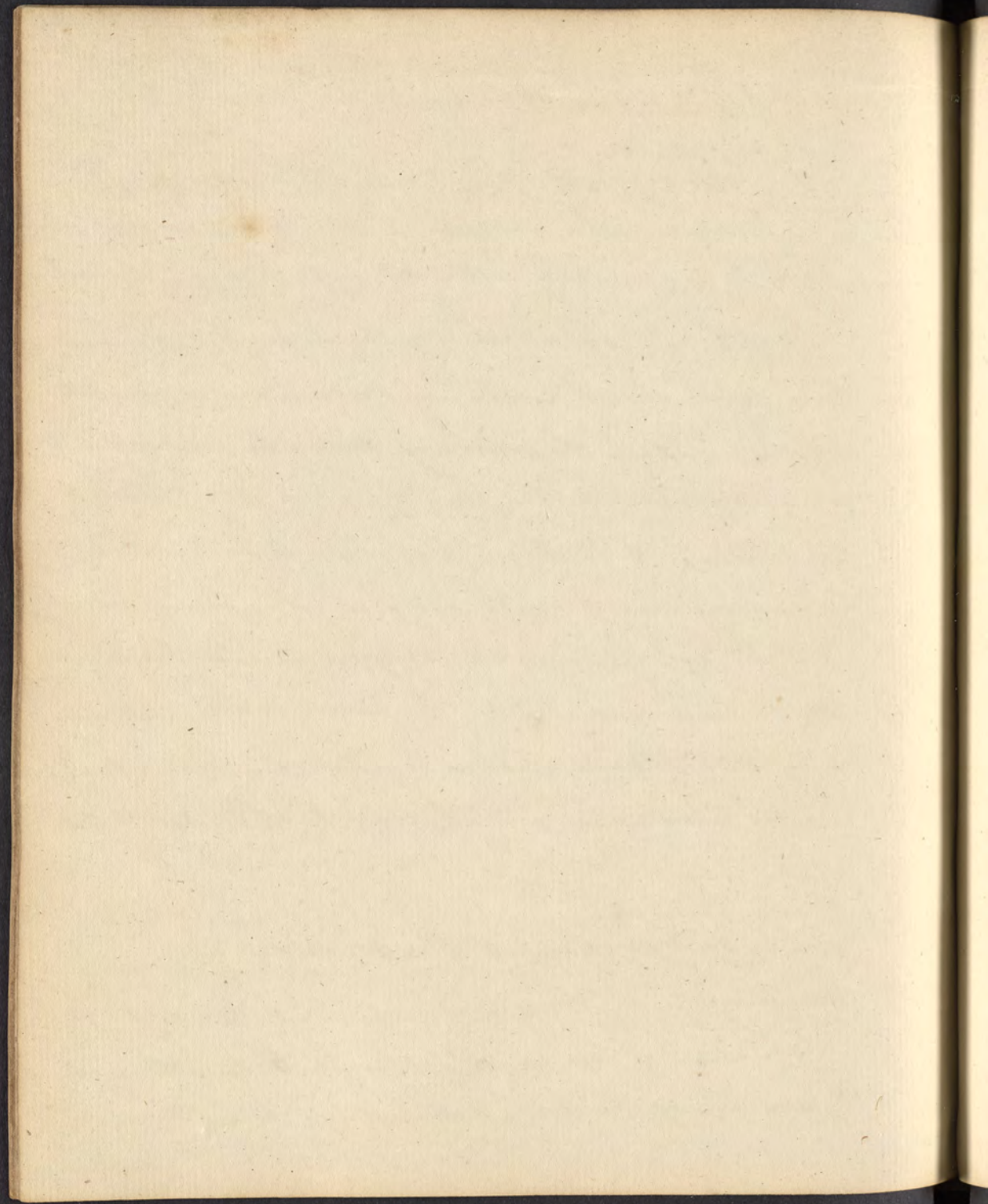
24. Diseases of Women.

1, *Leucorrhœa*. This is mostly a topical disease in young women. In old women it is the effect of general debility. It is generally attended with pain in the back.

Cure, Always examine the state of the system. If there exists much action in the system it must be reduced. If on the contrary there be real debility as is most generally the case, Give 1, Steel. 2 Bark, 3, Turpentine. 4 Balsam Copaiva. 5 Injections &c. When ulcers are formed mercurial injections should be used. Wine, Generous diet, Exercise and Salivation should be had recourse to. The latter is a revolutionary remedy and should always be used when others fail. It excites a new action. The cold bath should also be tried. —

2, Diseases during Pregnancy are

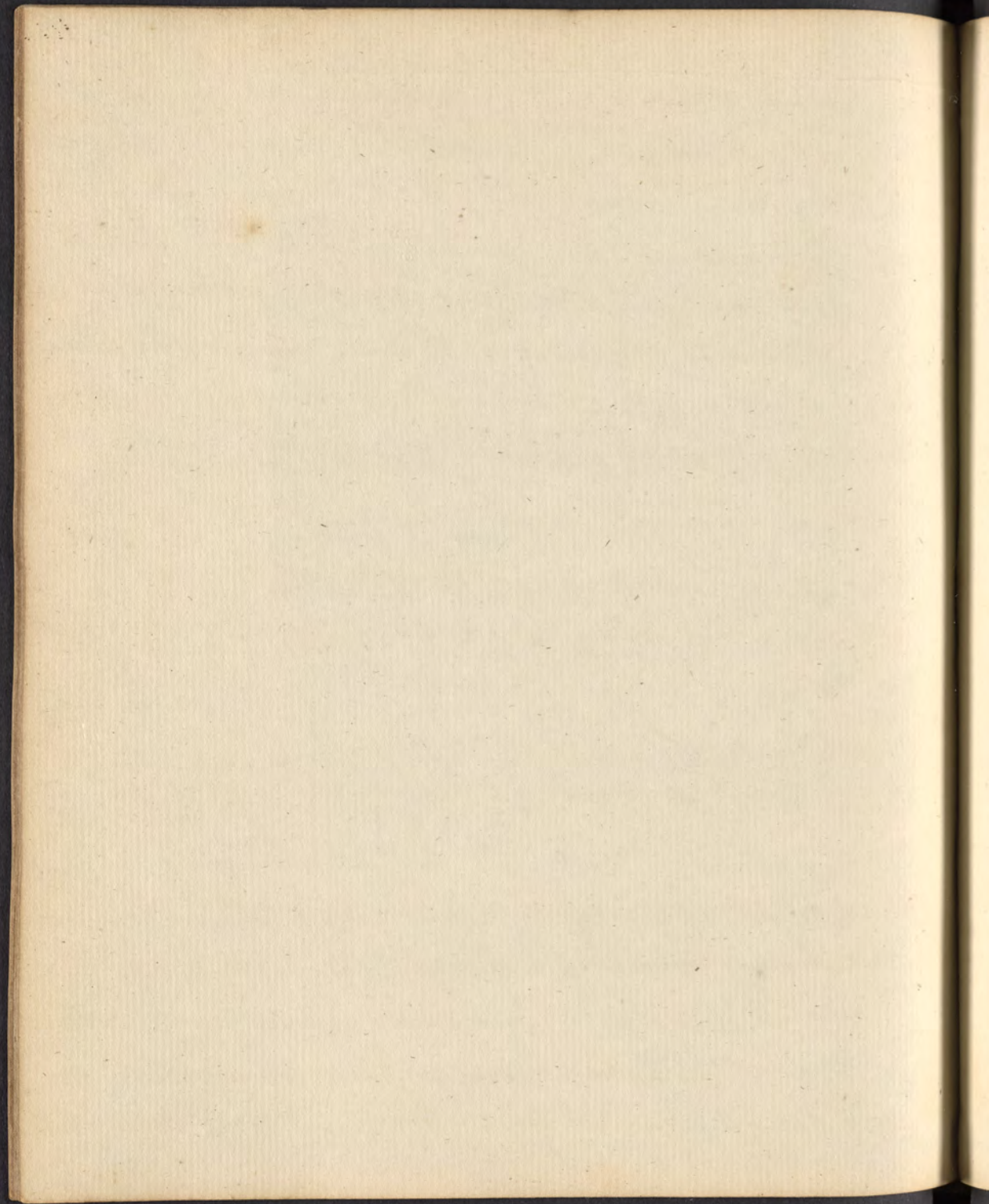
1 Breeding sickness, 2, Toothache. 3, Costiveness. 4, Incontinence of Urine. 5, Ischuria. 6, Swilled legs. 7, Giddiness of the head. 8 Numbness of the limbs. —



9. Cramp, 10, Dyspepsia. 12, Discharge of blood from the Vagina. 13, Convulsions. — In all these cases the state of the system as manifested by the Pulse must direct us. Bloodletting is generally called for. The bowels in every case must be kept open by gentle laxatives.

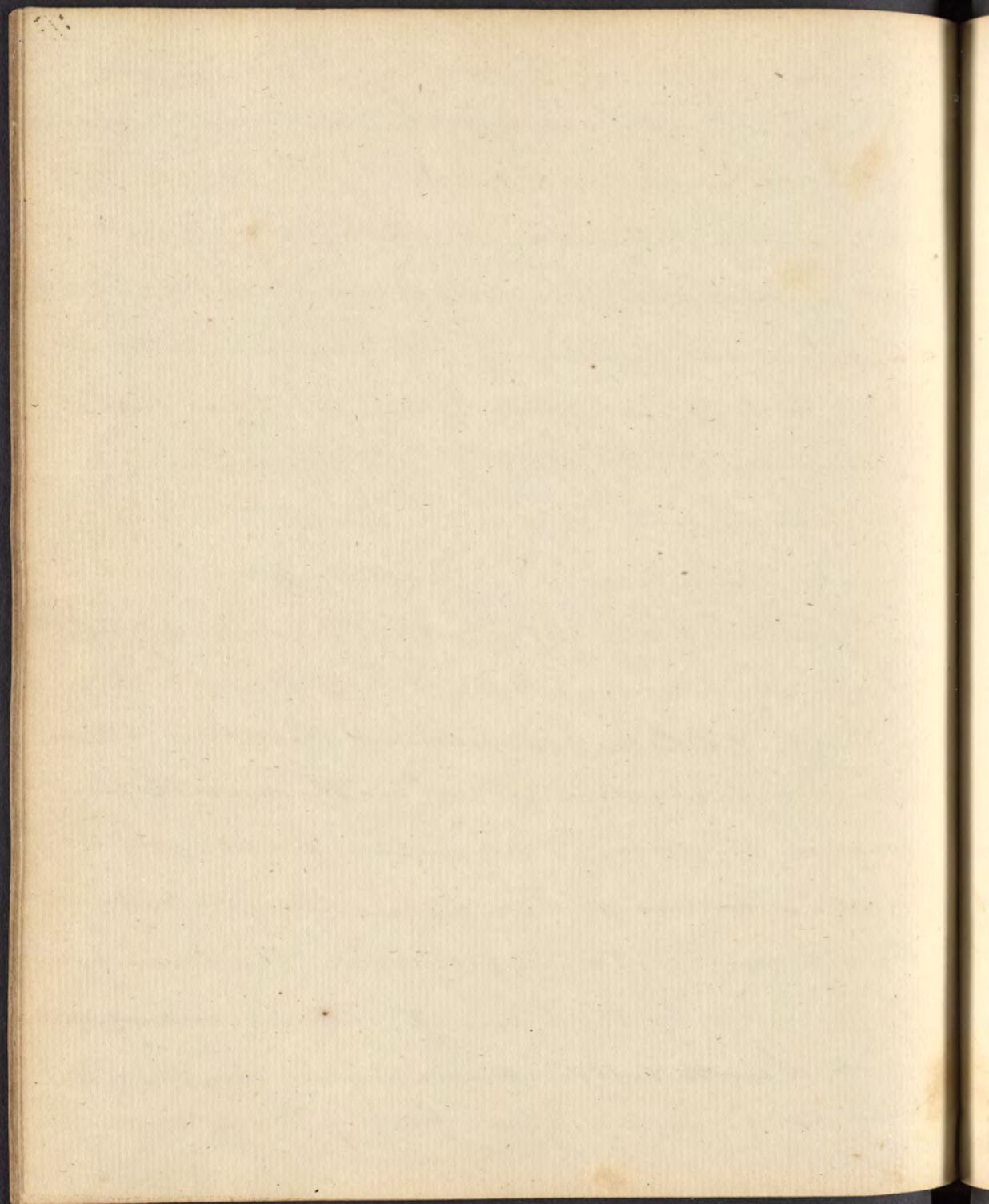
Banages should be worn round the abdomen for six or eight weeks after delivery for the important purpose of preventing large and flabby bellies.

Puerperal Fever, is often a Typhoid, but is also frequently a Sprocha or Synovial. It comes on at different periods from one day to six weeks. 'Tis accompanied with Headache, Torpor, Coldness, Pulse first weak and small then full, Pains in the side, region of the Liver, Spleen, Bladder &c. Face is sharp and sorrowfull, Delirium, Convulsions, quick breathing weak cough, Nausea, vomiting, Diarrhoea or costiveness. The Lochia sometimes stops or flows deliberately and is always offensive &c. Miliary eruptions, swelled abdomen &c. The duration of the disease is from one to fifteen Days. The pain sometimes ceases before death.



Abscesses sometimes take place. — It has been said
 to arise from inflammation of the udder, from transla-
 tion of the milk but is not so. — I think it is owing
 to different stimulating matters, from hot regimen
 and impure air. The disease is inflammatory,
 Typhoid and Typhus. — When inflammatory the
 cure is 1, Bloodletting. 2 Cornets have been
 recommended by Doct. , when there is a
 nausea present, they are serviceable, he recom-
 mends Spasmodica. 3 Gentle laxatives if costive.
 4, Demulcents and Astringents if Diarrhoea attends.
 5, Opium according to the state of the system. —
 6, Bark. 7, Blisters, after reducing the system. 8 Fomen-
 tations to the abdomen. 9, Fresh air. The sooner the fever
 comes on the worse. Weak pulse is a bad symptom
 so also is costiveness. Petechiae are always alarming.
 Discharges of lochia are favourable. This fever may
 be prevented by fresh air, rest, silence, moderate diet.

4, Swelled Legs, after parturition sometimes ter-
 minate in mortification. Cure, 1, Bloodletting. 2,



Purges. 3, Fomentations. 4, Trictions. 5 Volatile liniment &c.

5 Swelled Breasts are to be cured by 1, Bloodletting. 2, Purging. 3 Repelling applications as solution of Sal. Ammoniac. Vinegar and water, Lye poultice &c. 4, Opening when it impostumates.

6 Sore Nipples, may be prevented by drawing out the nipple from the breast about a month before delivery especially before going to bed.

25 Diseases of Children, Underwood is the best writer on Childrens diseases. No library is complete without it. These diseases are easily cured as they are simple arterial diseases

Bloodletting is of immense consequence in all these diseases. — In Cholera Infantum I have frequently bled with the happiest effects.

